Yahoo Group Archive: Super_SID

Yahoo Group summary: Stanford & SARA SuperSID

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2010-01-07 through 2018-07-19

Source WARC: super_sid.F70CAks.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-07-31T07-05-18Z-252cfc

Messages included in this PDF: 2131

Message records with no body available in the source archive: 2

Messages omitted as spam from this PDF: 5

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. HI

Yahoo group: Super_SID
Date: 2010-01-07 16:14:36 UTC
From: robsokolowski
Topic: 1 Message: 1

Hello all This site is a GREAT Idea!! I have been monitoring for SIDS with the Stanford monitor for well over a year.I have been interested in VLF Since the late 60's when I built my first VLF rx in 1966 (Pop Electronics "Listen to the sun")Looking foward to working with the group!!!! Rob LARAO Leeds ME

2. New

Yahoo group: Super_SID
Date: 2010-01-08 02:44:13 UTC
From: Dan
Topic: 2 Message: 2

Would like to say hi to all.

My name is Dan, I live in southern Ohio and have a backyard observatory that I have been using about 6 years. I have ran the Seti program off and on since May 1999. Astronomy has always been an interest of mine, but until a few years ago, never had the opportunity to get involve. I retired in early 2009 and am now "learning" as much as my feeble mind will hold, soon to be 65, not that old...yet.

A friend introduced me to VLF monitoring recently and it got my attention to the point that I ordered the equipment and am excited to get started as soon as it arrives. It will monitor 24/7 with my observatory computer when not in use, which is most of the time.

Thanks for the invite to this group and I hope I can be a productive member in the near future.

3. Re: New

Yahoo group: Super_SID
Date: 2010-01-09 18:16:45 UTC
From: samouce2
Topic: 2 Message: 3

I am John Samouce, aka Dusty, another new guy to this site, situated in the beautiful Bitterroot Valley of western Montana (46N/114W). I have been monitoring VLF for about nine years now with two Gyrator II receivers (NML and NLK) together with a magnetometer and skylight sensor all charted on Radio-SkyPipe. I have just received a SuperSID receiver and will get it online when I complete building its antenna. I have also been monitoring Jupiter/sol at 20.1 MHz with four JOVE receivers fed by four different types of antennas. Sure hope the sun comes off its long sleep sometimes soon.
Dusty

4. Re: New

Yahoo group: Super_SID
Date: 2010-01-09 20:40:29 UTC
From: ellery575
Topic: 2 Message: 4

--- In Super_SID@yahoogroups.com, "samouce2" <samouce2@...> wrote:
>
> I am John Samouce, aka Dusty, another new guy to this site, situated in the beautiful Bitterroot Valley of western Montana (46N/114W). I have been monitoring VLF for about nine years now with two Gyrator II receivers (NML and NLK) together with a magnetometer and skylight sensor all charted on Radio-SkyPipe. I have just received a SuperSID receiver and will get it online when I complete building its antenna. I have also been monitoring Jupiter/sol at 20.1 MHz with four JOVE receivers fed by four different types of antennas. Sure hope the sun comes off its long sleep sometimes soon.
> Dusty
>
Dusty,,,,,, good after noon,,,,,,,,, i read your message that you were charting NML AND NLK,,,,,, using radio skypipe,,,, and i was wondering if you would be so kind as to tell me how you arranged for the radio skypipe software to monitor only the frequencies of the two stations that you are monitoring,,,,,,
any help that you could share with me would be of tremendous help
Thank you a thousand times in advance for your speedy reply
James "Ellery"Queen
ClayMill Observatory
38 48 32 N
82 46 16 W

5. French newby

Yahoo group: Super_SID
Date: 2010-01-20 14:58:44 UTC
From: sweillerus
Topic: 5 Message: 5

Hi all,

I am Sylvain and I am making pictures and astromovies of the Sun in HA with Coronado PSTs and SolarMax90*. I read about the SID today in Spaceweather.

The SID idea interests me especially for flare detection.

I allready have a few questions for SID longtime users :

How far from a ~20MHz emitter you must be to get data (hundreds, thousands of km)?
What happens if you are to close, no signal ?
Are the vicinity of a house with many computers, microwaves, phones, electrical appliances of all kind suitable to get correct signals ?
Can you fix the antenna directly on the wall of the house (eg. 10x12m in a rectanguler fashion ?
Otherwise which distance is to be respected ?
and also : is any PC with a mike/line input Ok ?

BR
Sylvain

*English site : http://sweiller.free.fr

6. Re: [Super_SID] French newby

Yahoo group: Super_SID
Date: 2010-01-20 18:07:16 UTC
From: WILLIAM & MELINDA LORD
Topic: 5 Message: 6

How far from a ~20MHz emitter you must be to get data (hundreds, thousands of km)? This is not really a problem since the SuperSID can collect from several frequencies at once.

What happens if you are too close, no signal? We are not aware of users being too close to get a signal. The neat thing about the SuperSID is you can collect data from several stations. When you first run the program, look for the frequencies that have the most gain above the noise floor. Enter these stations into your config file to save your observations.

Are the vicinity of a house with many computers, microwaves, phones, electrical appliances of all kind suitable to get correct signals? Microwaves, CRT screens, fluorescent lights will cause interference. Try to locate the antenna away from as much interference as possible. You also want to keep the coax cable as short as possible. So you will probably have to make a compromise for the antenna location due to interference and coax cable lengths. A larger antenna with a heavier gauge wire can improve the signal to noise ratio.

Can you fix the antenna directly on the wall of the house (eg. 10x12m in a rectangular fashion?
Yes, you can put the antenna on the inside or outside of a wall. The SID Manual has a variety of antennas users have built. Tim Huynh at Stanford built an antenna that was horizontal to the ground. You will have to check the signal you are receiving to determine the best location for the antenna.

Otherwise which distance is to be respected? You have to find the right mix of antenna size, location and coax to work for your site. There is not a one-size fits all. We do find most users can get signals with a one meter square antenna and 30 ft of coax cable.

and also: is any PC with a mike/line input Ok? In Europe, Canada, the US and Mexico, you will want a High Definition sound card that can record (sample) up to 96 KHz. This is so you can record stations with the higher frequencies. In other parts of the world, an AC97 sound card will pick up most stations in their reach.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 1/20/10, sweillerus <sweiller@...> wrote:

From: sweillerus <sweiller@...>
Subject: [Super_SID] French newby
To: Super_SID@yahoogroups.com
Date: Wednesday, January 20, 2010, 8:58 AM

Hi all,

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BR
Sylvain

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7. Re: [Super_SID] French newby

Yahoo group: Super_SID
Date: 2010-01-20 23:21:53 UTC
From: sweiller
Topic: 5 Message: 7

Hi,

Thanks for the answers !
I come back on the PC sound card point :

I have an AC97 card and I am in France ... would this work Ok ?

BR

Sylvain

Le 2010-01-20 19:07, WILLIAM & MELINDA LORD a écrit :
>
> and also: is any PC with a mike/line input Ok? In Europe, Canada, the US
> and Mexico, you will want a High Definition sound card that can record
> (sample) up to 96 KHz. This is so you can record stations with the
> higher frequencies. In other parts of the world, an AC97 sound card will
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>

8. Re: [Super_SID] French newby

Yahoo group: Super_SID
Date: 2010-01-20 23:28:03 UTC
From: WILLIAM & MELINDA LORD
Topic: 5 Message: 8

You could get a few stations. Check the list of frequencies here
http://tech.groups.yahoo.com/group/Super_SID/files/

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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--- On Wed, 1/20/10, sweiller <sweiller@...> wrote:

From: sweiller <sweiller@...>
Subject: Re: [Super_SID] French newby
To: Super_SID@yahoogroups.com
Date: Wednesday, January 20, 2010, 5:21 PM

Hi,

Thanks for the answers !
I come back on the PC sound card point :

I have an AC97 card and I am in France ... would this work Ok ?

BR

Sylvain

Le 2010-01-20 19:07, WILLIAM & MELINDA LORD a écrit :
>
> and also: is any PC with a mike/line input Ok? In Europe, Canada, the US
> and Mexico, you will want a High Definition sound card that can record
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>

9. Re: [Super_SID] French newby- update

Yahoo group: Super_SID
Date: 2010-01-21 13:47:33 UTC
From: WILLIAM & MELINDA LORD
Topic: 9 Message: 9

Update on the distance from a station to your SID reciever/pre-amp.

When SID is too close to the station, it might pick up the signal from the direct path, rather than the reflection from the ionosphere. The daily plot won't show the typical patterns: dawn, durst, day-time, night-time...

It depends on the elevation of the station and SID, ~100 miles a way would be safe.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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--- On Wed, 1/20/10, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

From: WILLIAM & MELINDA LORD <ap_guardian@yahoo.com>
Subject: Re: [Super_SID] French newby
To: Super_SID@yahoogroups.com
Date: Wednesday, January 20, 2010, 12:07 PM

How far from a ~20MHz emitter you must be to get data (hundreds, thousands of km)? This is not really a problem since the SuperSID can collect from several frequencies at once.

What happens if you are too close, no signal? We are not aware of users being too close to get a signal. The neat thing about the SuperSID is you can collect data from several stations. When you first run the program, look for the frequencies that have the most gain above the noise floor. Enter these stations into your config file to save your observations.

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Can you fix the antenna directly on the wall of the house (eg. 10x12m in a rectangular fashion?
Yes, you can put the antenna on the inside or outside of a wall. The SID Manual has a variety of antennas users have built. Tim Huynh at Stanford built an antenna that was horizontal to the ground. You will have to check the signal you are receiving to determine the best location for the antenna.

Otherwise which distance is to be respected? You have to find the right mix of antenna size, location and coax to work for your site. There is not a one-size fits all. We do find most users can get signals with a one meter square antenna and 30 ft of coax cable.

and also: is any PC with a mike/line input Ok? In Europe, Canada , the US and Mexico , you will want a High Definition sound card that can record (sample) up to 96 KHz. This is so you can record stations with the higher frequencies. In other parts of the world, an AC97 sound card will pick up most stations in their reach.

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--- On Wed, 1/20/10, sweillerus <sweiller@free. fr> wrote:

From: sweillerus <sweiller@free. fr>
Subject: [Super_SID] French newby
To: Super_SID@yahoogrou ps.com
Date: Wednesday, January 20, 2010, 8:58 AM

Hi all,

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and also : is any PC with a mike/line input Ok ?

BR
Sylvain

*English site : http://sweiller. free.fr

10. Re: [Super_SID] French newby- update

Yahoo group: Super_SID
Date: 2010-01-21 13:52:48 UTC
From: sweiller
Topic: 9 Message: 10

Hi,

Thanks for the important precisions !

As I don't know, can you tell me if you can with the SID exclude received (here too close) stations
and choose only which one you want (here far enough) ?

BR

Sylvain

Le 2010-01-21 14:47, WILLIAM & MELINDA LORD a écrit :
>
>
> Update on the distance from a station to your SID reciever/pre-amp.
> When SID is too close to the station, it might pick up the signal from
> the direct path, rather than the reflection from the ionosphere. The
> daily plot won't show the typical patterns: dawn, durst, day-time,
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>
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> wrote:
>
>
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> Subject: Re: [Super_SID] French newby
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> gain above the noise floor. Enter these stations into your config
> file to save your observations.
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> Are the vicinity of a house with many computers, microwaves, phones,
> electrical appliances of all kind suitable to get correct signals?
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> Try to locate the antenna away from as much interference as
> possible. You also want to keep the coax cable as short as possible.
> So you will probably have to make a compromise for the antenna
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> antenna with a heavier gauge wire can improve the signal to noise
> ratio.
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> best location for the antenna.
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> Otherwise which distance is to be respected? You have to find the
> right mix of antenna size, location and coax to work for your site.
> There is not a one-size fits all. We do find most users can get
> signals with a one meter square antenna and 30 ft of coax cable.
>
>
> and also: is any PC with a mike/line input Ok? In Europe, Canada ,
> the US and Mexico , you will want a High Definition sound card that
> can record (sample) up to 96 KHz. This is so you can record stations
> with the higher frequencies. In other parts of the world, an AC97
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> --- On *Wed, 1/20/10, sweillerus /<sweiller@free. fr>/* wrote:
>
>

> From: sweillerus <sweiller@free. fr>
> Subject: [Super_SID] French newby
> To: Super_SID@yahoogrou ps.com
> Date: Wednesday, January 20, 2010, 8:58 AM
>
> Hi all,
>
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> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.730 / Virus Database: 271.1.1/2636 - Release Date: 01/21/10 08:34:00
>

11. Re: [Super_SID] French newby- update

Yahoo group: Super_SID
Date: 2010-01-21 14:43:06 UTC
From: WILLIAM & MELINDA LORD
Topic: 9 Message: 11

Yes you can. You open the config file and enter what stations and frequencies you want to record. It is easy to do and can be changed any time you want.

The pre-amp and sound card pick up all signals within the range of the sound card, but only record and save the ones you set up in the config file.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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--- On Thu, 1/21/10, sweiller <sweiller@...> wrote:

From: sweiller <sweiller@...>
Subject: Re: [Super_SID] French newby- update
To: Super_SID@yahoogroups.com
Cc: "WILLIAM & MELINDA LORD" <ap_guardian@...>
Date: Thursday, January 21, 2010, 7:52 AM

Hi,

Thanks for the important precisions !

As I don't know, can you tell me if you can with the SID exclude received (here too close) stations
and choose only which one you want (here far enough) ?

BR

Sylvain

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>
> --- On *Wed, 1/20/10, WILLIAM & MELINDA LORD /<ap_guardian@ yahoo.com>/*
> wrote:
>
>
> From: WILLIAM & MELINDA LORD <ap_guardian@ yahoo.com>
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> BR
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> No virus found in this incoming message.
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> Version: 9.0.730 / Virus Database: 271.1.1/2636 - Release Date: 01/21/10 08:34:00
>

12. Re: [Super_SID] French newby- update

Yahoo group: Super_SID
Date: 2010-01-21 15:41:22 UTC
From: sweiller
Topic: 9 Message: 12

Hi,

Ok that's good as I am about 500km of HWV/HWU !

As I was looking on GoogleEarth where they are without success - in the middle of the sea according
to said coordinates :) - I found a mistake in the VLF file in the files/section (please correct !)
VLF transmitter sites HWV (Le Blanc, 46.7°N, 1.26°E) and HWU (Rosnay,. 46.6°N, 1.1°E)

Another question please :
For the wire used for making the antenna ...
Can you use the enameled wire from an unused old transformer ? I have lots of them and probably can
retrieve hundreds of meters or kilometers of clean wire depending of optimal length/section !

Also for all people on the list : interesting readings :

http://www.cea-igp.ac.cn/English/Symposium/Slides%20and%20posters/SS-I/ISESEP-Heyufei.pdf

http://nova.stanford.edu/~vlf/IHY_Test/TunisTalks/Turkey_Canyilmaz.pdf

http://users.physics.uoc.gr/~chald/haldoupis/papers-pdf/CH-77.pdf

BR

Sylvain

Le 2010-01-21 15:43, WILLIAM & MELINDA LORD a écrit :
>
>
> Yes you can. You open the config file and enter what stations and
> frequencies you want to record. It is easy to do and can be changed any
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> --- On *Thu, 1/21/10, sweiller /<sweiller@...>/* wrote:

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> From: sweiller <sweiller@...>
> Subject: Re: [Super_SID] French newby- update
> To: Super_SID@yahoogroups.com
> Cc: "WILLIAM & MELINDA LORD" <ap_guardian@...>
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>
> Hi,
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> Thanks for the important precisions !
>
> As I don't know, can you tell me if you can with the SID exclude
> received (here too close) stations
> and choose only which one you want (here far enough) ?
>
> BR
>
> Sylvain
>
> Le 2010-01-21 14:47, WILLIAM & MELINDA LORD a écrit :
> >
> >
> > Update on the distance from a station to your SID reciever/pre- amp.
> > When SID is too close to the station, it might pick up the signal
> from
> > the direct path, rather than the reflection from the ionosphere. The
> > daily plot won't show the typical patterns: dawn, durst, day-time,
> > night-time.. .
> >
> > It depends on the elevation of the station and SID, ~100 miles a way
> > would be safe.
> >
> > Bill & Melinda Lord
> > www.tnSkyNet. com
> > www.radio-astronomy .org
> >
> > Light travels faster than sound. This is why some people appear
> bright
> > until you hear them speak. :-)
> >
> > --- On *Wed, 1/20/10, WILLIAM & MELINDA LORD /<ap_guardian@
> yahoo.com
> <http://us.mc529.mail.yahoo.com/mc/compose?to=ap_guardian%40yahoo.com>>/*
> > wrote:
> >
> >
> > From: WILLIAM & MELINDA LORD <ap_guardian@ yahoo.com
> <http://us.mc529.mail.yahoo.com/mc/compose?to=ap_guardian%40yahoo.com>>
> > Subject: Re: [Super_SID] French newby

> > To: Super_SID@yahoogrou ps.com
> <http://us.mc529.mail.yahoo.com/mc/compose?to=Super_SID%40yahoogroups.com>
> > Date: Wednesday, January 20, 2010, 12:07 PM
> >
> > How far from a ~20MHz emitter you must be to get data (hundreds,
> > thousands of km)? This is not really a problem since the SuperSID
> > can collect from several frequencies at once.
> >
> >
> > What happens if you are too close, no signal? We are not aware of
> > users being too close to get a signal. The neat thing about the
> > SuperSID is you can collect data from _several stations_. When you
> > first run the program, look for the frequencies that have the most
> > gain above the noise floor. Enter these stations into your config
> > file to save your observations.
> >
> >
> > Are the vicinity of a house with many computers, microwaves, phones,
> > electrical appliances of all kind suitable to get correct signals?
> > Microwaves, CRT screens, fluorescent lights will cause interference.
> > Try to locate the antenna away from as much interference as
> > possible. You also want to keep the coax cable as short as possible.
> > So you will probably have to make a compromise for the antenna
> > location due to interference and coax cable lengths. A larger
> > antenna with a heavier gauge wire can improve the signal to noise
> > ratio.
> >
> >
> > Can you fix the antenna directly on the wall of the house (eg.
> > 10x12m in a rectangular fashion?
> >
> > Yes, you can put the antenna on the inside or outside of a wall. The
> > SID Manual has a variety of antennas users have built. Tim Huynh at
> > Stanford built an antenna that was horizontal to the ground. You
> > will have to check the signal you are receiving to determine the
> > best location for the antenna.
> >
> >
> > Otherwise which distance is to be respected? You have to find the
> > right mix of antenna size, location and coax to work for your site.
> > There is not a one-size fits all. We do find most users can get
> > signals with a one meter square antenna and 30 ft of coax cable.
> >
> >
> > and also: is any PC with a mike/line input Ok? In Europe, Canada ,
> > the US and Mexico , you will want a High Definition sound card that
> > can record (sample) up to 96 KHz. This is so you can record stations
> > with the higher frequencies. In other parts of the world, an AC97
> > sound card will pick up most stations in their reach.
> >

> > Bill & Melinda Lord
> > www.tnSkyNet. com
> > www.radio-astronomy .org
> >
> > Light travels faster than sound. This is why some people appear
> > bright until you hear them speak. :-)
> >
> > --- On *Wed, 1/20/10, sweillerus /<sweiller@free. fr>/* wrote:
> >
> >
> > From: sweillerus <sweiller@free. fr>
> > Subject: [Super_SID] French newby
> > To: Super_SID@yahoogrou ps.com
> > Date: Wednesday, January 20, 2010, 8:58 AM
> >
> > Hi all,
> >
> > I am Sylvain and I am making pictures and astromovies of the Sun
> > in HA with Coronado PSTs and SolarMax90*. I read about the SID
> > today in Spaceweather.
> >
> > The SID idea interests me especially for flare detection.
> >
> > I allready have a few questions for SID longtime users :
> >
> > How far from a ~20MHz emitter you must be to get data (hundreds,
> > thousands of km)?
> > What happens if you are to close, no signal ?
> > Are the vicinity of a house with many computers, microwaves,
> > phones, electrical appliances of all kind suitable to get
> > correct signals ?
> > Can you fix the antenna directly on the wall of the house (eg.
> > 10x12m in a rectanguler fashion ?
> > Otherwise which distance is to be respected ?
> > and also : is any PC with a mike/line input Ok ?
> >
> > BR
> > Sylvain
> >
> > *English site : http://sweiller. <http://sweiller./> free.fr
> <http://sweiller. free.fr/ <http://sweiller.free.fr/>>
> >
> >
> >
> >
> >
> >
> >
> >
> > No virus found in this incoming message.

> > Checked by AVG - www.avg.com
> > Version: 9.0.730 / Virus Database: 271.1.1/2636 - Release Date:
> 01/21/10 08:34:00
> >
>
>
>
>
>
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.730 / Virus Database: 271.1.1/2636 - Release Date: 01/21/10 08:34:00
>

13. Re: French newby

Yahoo group: Super_SID
Date: 2010-01-21 15:49:49 UTC
From: samouce2
Topic: 5 Message: 13

Bon Jouir,
I have one of those "Ionic Breeze" electrostatic air purifiers and have to turn it off when monitoring with VLF receivers as it blasts the area with VLF RFI (Radio Frequency Interference). Also the signal source should be in the plane of the loop for maximum signal strength.
Dusty from Montana

--- In Super_SID@yahoogroups.com, "sweillerus" <sweiller@...> wrote:
>
> Hi all,
>
> I am Sylvain and I am making pictures and astromovies of the Sun in HA with Coronado PSTs and SolarMax90*. I read about the SID today in Spaceweather.
>
> The SID idea interests me especially for flare detection.
>
> I allready have a few questions for SID longtime users :
>
> How far from a ~20MHz emitter you must be to get data (hundreds, thousands of km)?
> What happens if you are to close, no signal ?
> Are the vicinity of a house with many computers, microwaves, phones, electrical appliances of all kind suitable to get correct signals ?
> Can you fix the antenna directly on the wall of the house (eg. 10x12m in a rectanguler fashion ?
> Otherwise which distance is to be respected ?
> and also : is any PC with a mike/line input Ok ?
>
> BR
> Sylvain
>
> *English site : http://sweiller.free.fr
>

14. Invitation to SARA Western Conference

Yahoo group: Super_SID
Date: 2010-01-27 02:43:04 UTC
From: AP_GUARDIAN
Topic: 14 Message: 14

The Society of Amateur Radio Astronomers (SARA) is having a Western Regional Conference at Stanford University March 20-21. We have presentations on a variety of topics including the SuperSID. Deborah Scherrer, Project Lead for the SID program, will be giving training on being a mentor for the SuperSID project.

Anyone interested is invited to attend. To get more information go to this link http://www.radio-astronomy.org/node/100 for Registration and Conference Abstracts.

Bill and Melinda Lord

15. Hello from the Center for Integrated Space Weather Modeling

Yahoo group: Super_SID
Date: 2010-01-29 20:10:15 UTC
From: Nick
Topic: 15 Message: 15

Hello,
I am the co-Director for Education at the Center for Integrated Space Weather Modeling (CISM, http://www.bu.edu/cism/). We are an National Science Foundation (NSF) funded Science and Technology Center (STC). CISM provided the initial development funds for Sudden Ionospheric Disturbance monitors and continues to encourage that project in any way it can. We are extremely happy that SARA has become involved in this project and I hope that we can find ways in which the Center can help push it forward.

I was particularly excited last week to see the monitor network detected the disturbance in the ionosphere due to solar flare activity on the 19th and 20th. If you have a monitor up, check your data to look for flare signatures on those dates. You can then compare your data to GOES satellite data at

http://www.swpc.noaa.gov/ftpmenu/plots/xray.html
in particular
http://www.swpc.noaa.gov/ftpdir/plots/xray/20100118_xray.gif
and
http://www.swpc.noaa.gov/ftpdir/plots/xray/20100121_xray.gif

Anything in the C range on these plots might be detectable by the monitor.

Look forward to following the discussion on this board!
Please feel free to contact me if you have any questions.

Nick Gross

Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

16. Re: New

Yahoo group: Super_SID
Date: 2010-01-29 20:13:59 UTC
From: Nick
Topic: 2 Message: 16

Dan,
Welcome to the group and it is great that you are getting a monitor. If the new monitors are anything like the old ones then the monitor software does not actually require that much computer horse power to run. I think you should be able to run it in the background while using your computer for other activities.

Best Regards,
Nick Gross

Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

--- In Super_SID@yahoogroups.com, "Dan" <dandee7@...> wrote:
>
> Would like to say hi to all.
>
> My name is Dan, I live in southern Ohio and have a backyard observatory that I have been using about 6 years. I have ran the Seti program off and on since May 1999. Astronomy has always been an interest of mine, but until a few years ago, never had the opportunity to get involve. I retired in early 2009 and am now "learning" as much as my feeble mind will hold, soon to be 65, not that old...yet.
>
> A friend introduced me to VLF monitoring recently and it got my attention to the point that I ordered the equipment and am excited to get started as soon as it arrives. It will monitor 24/7 with my observatory computer when not in use, which is most of the time.
>
> Thanks for the invite to this group and I hope I can be a productive member in the near future.
>

17. RE: [Super_SID] Re: New

Yahoo group: Super_SID
Date: 2010-01-29 20:18:18 UTC
From: Milione, Ron P
Topic: 2 Message: 17

Can you guys point me to the new receiver link?

Thanks

Ron Milione Ph.D.
Engineering
787 Qualification Project
Lighting Systems
Goodrich Interiors
129 Fairfield Street
Oldsmar, Florida 34677
ron.milione@...
www.goodrich.com <http://www.goodrich.com/>

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From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On
Behalf Of Nick
Sent: Friday, January 29, 2010 3:14 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: New

Dan,
Welcome to the group and it is great that you are getting a monitor. If
the new monitors are anything like the old ones then the monitor

software does not actually require that much computer horse power to run. I think you should be able to run it in the background while using your computer for other activities.

Best Regards,
Nick Gross

Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@... <mailto:gross%40bu.edu>
617-358-3245

--- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com> , "Dan" <dandee7@...> wrote:
>
> Would like to say hi to all.
>
> My name is Dan, I live in southern Ohio and have a backyard observatory that I have been using about 6 years. I have ran the Seti program off and on since May 1999. Astronomy has always been an interest of mine, but until a few years ago, never had the opportunity to get involve. I retired in early 2009 and am now "learning" as much as my feeble mind will hold, soon to be 65, not that old...yet.
>
> A friend introduced me to VLF monitoring recently and it got my attention to the point that I ordered the equipment and am excited to get started as soon as it arrives. It will monitor 24/7 with my observatory computer when not in use, which is most of the time.
>
> Thanks for the invite to this group and I hope I can be a productive member in the near future.
>

18. RE: [Super_SID] Re: New

Yahoo group: Super_SID
Date: 2010-01-29 20:45:09 UTC
From: WILLIAM & MELINDA LORD
Topic: 2 Message: 18

Ron,
Here are a couple of links with information about the SuperSID.
http://solar-center.stanford.edu/SID/obtaining/
http://www.radio-astronomy.org/node/142

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Fri, 1/29/10, Milione, Ron P <ron.milione@goodrich.com> wrote:

From: Milione, Ron P <ron.milione@...>
Subject: RE: [Super_SID] Re: New
To: Super_SID@yahoogroups.com
Date: Friday, January 29, 2010, 2:18 PM

Can you guys point me to the new receiver link?

Thanks

Ron Milione Ph.D.Engineering787 Qualification ProjectLighting SystemsGoodrich Interiors129 Fairfield StreetOldsmar, Florida 34677ron.milione@ goodrich. com www.goodrich. com
WARNING*** WARNING***

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Control Act (TITLE 22, U.S.C., Sec 2751 et seq.) or the Export Administration Act of 1979, as
amended, Title 50, U.S.C., App. 2401 et. seq. Violations of these export laws are subject to severe
criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.”

From: Super_SID@yahoogrou ps.com [mailto:Super_ SID@yahoogroups. com] On Behalf Of Nick
Sent: Friday, January 29, 2010 3:14 PM
To: Super_SID@yahoogrou ps.com
Subject: [Super_SID] Re: New

Dan,
Welcome to the group and it is great that you are getting a monitor. If the new monitors are anything like the old ones then the monitor software does not actually require that much computer horse power to run. I think you should be able to run it in the background while using your computer for other activities.

Best Regards,
Nick Gross

Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

--- In Super_SID@yahoogrou ps.com, "Dan" <dandee7@... > wrote:
>
> Would like to say hi to all.
>
> My name is Dan, I live in southern Ohio and have a backyard observatory that I have been using about 6 years. I have ran the Seti program off and on since May 1999. Astronomy has always been an interest of mine, but until a few years ago, never had the opportunity to get involve. I retired in early 2009 and am now "learning" as much as my feeble mind will hold, soon to be 65, not that old...yet.
>
> A friend introduced me to VLF monitoring recently and it got my attention to the point that I ordered the equipment and am excited to get started as soon as it arrives. It will monitor 24/7 with my observatory computer when not in use, which is most of the time.
>
> Thanks for the invite to this group and I hope I can be a productive member in the near future.
>

19. antenna wire gauge help

Yahoo group: Super_SID
Date: 2010-02-03 16:56:21 UTC
From: geoclimatica24
Topic: 19 Message: 19

Hello All,
my apologies for a somewhat mundane question My new SuperSid is arriving here in France tomorrow and whilst I have built the superstructure framework of the antenna.I need some more advice on the wire to be used.

Here in France wire is sold my mmm diameter not A. W. G. My question is: Is 20 A. W. G. wire i.e 0.81 mm diameter a precise requirement? OR would 1,00 mm or 0.9 mm diamter be acceptable??....
with thanks
John
Dr John Hunt
Geoclimatica
Station de recherche du Changement Climatique et Rechauffement de la Planete, 24130 Monfaucon, France

20. Re: [Super_SID] antenna wire gauge help

Yahoo group: Super_SID
Date: 2010-02-03 19:10:46 UTC
From: WILLIAM & MELINDA LORD
Topic: 19 Message: 20

John,

1.00 mm or even .9 mm looks like it is heavier than needed although it would work. Be sure the wire is insulated. Here is a good website with conversion charts http://www.engineeringtoolbox.com/awg-wire-gauge-d_731.html.

We are currently using 24 awg (.51 mm diameter) and it works fine. Using heavier wire, increasing the size of the antenna, increasing the number of wraps all can improve signal to noise ratio. The SuperSID manual is at this link http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/Doc/ and has more info on the antenna.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 2/3/10, geoclimatica24 <john@geoclimatica.com> wrote:

From: geoclimatica24 <john@...>
Subject: [Super_SID] antenna wire gauge help
To: Super_SID@yahoogroups.com
Date: Wednesday, February 3, 2010, 10:56 AM

Hello All,
my apologies for a somewhat mundane question My new SuperSid is arriving here in France tomorrow and whilst I have built the superstructure framework of the antenna.I need some more advice on the wire to be used.

Here in France wire is sold my mmm diameter not A. W. G. My question is: Is 20 A. W. G. wire i.e 0.81 mm diameter a precise requirement? OR would 1,00 mm or 0.9 mm diamter be acceptable?? ....
with thanks
John
Dr John Hunt
Geoclimatica
Station de recherche du Changement Climatique et Rechauffement de la Planete, 24130 Monfaucon, France

21. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2010-02-08 01:25:09 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 21

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /SID activity 02-06-10.pdf
Uploaded by : AP_GUARDIAN <ap_guardian@...>
Description : SOLAR ACTIVITY ON FEB 6, 2010

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/SID%20activity%2002-06-10.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

AP_GUARDIAN <ap_guardian@...>

22. Meteor Detection

Yahoo group: Super_SID
Date: 2010-02-12 16:22:54 UTC
From: waynewatson95959
Topic: 22 Message: 22

Does this equipment detect meteors? Would two such stations be able to provide some altitude data?

23. Re: Meteor Detection

Yahoo group: Super_SID
Date: 2010-02-12 20:37:22 UTC
From: Nick
Topic: 22 Message: 23

Dear Wayne,
Thanks for the interest and it is a good question.
The SID monitors will most likely not detect meteors.

Just to clarify for others, as meteors enter the atmosphere, they generate a tremendous amount of heat which ionizes the gas. This gives a dramatic, but very local enhancement to the ionosphere.

Meteors will not be detected by the SID monitors for to main reasons. Since the SID monitors look at the signal strength over the whole path then any local disturbance will likely not affect the signal. Second, the SID monitors detect radio transmissions that reflect at the bottom of the ionosphere at 90 kilometers. Only very large meteors will penetrate the atmosphere to that level.

Given the above, location is a moot point, but since the monitors do not detect any direction information, then you can not triangulate on a meteor even if you detect a meteor.

It was a good idea to ask though. Had not really thought about this before.

Nick Gross
--- In Super_SID@yahoogroups.com, "waynewatson95959" <sierra_mtnview@...> wrote:
>
> Does this equipment detect meteors? Would two such stations be able to provide some altitude data?
>

24. M8.2 Flares 2010-02-12 11:19 - 11:28 UTC

Yahoo group: Super_SID
Date: 2010-02-13 08:54:25 UTC
From: abrandi2000
Topic: 24 Message: 24

Hi all,
we got yesterday a nice M8.2 Flare.

During checking the VLF SID plots i found a interesting effect on 2 frequencys. Just bevor the signalstrenght rised, it peaked down (red arrows) for a short while.

http://www.radio-astronomie.de/ra/SID/12022010_GBZ.png
http://www.radio-astronomie.de/ra/SID/12022010_RBU.png

Anyone know what caused this effect??
This is the first time i saw it on my plots. Maybe nothing new to you, but this is my first M8.2 flare in the last 3,5 years :)

Equipment: SuperSID, E-Field Antenna, 192Khz Soundcard

Thanks for your help
Karl-Heinz

25. Re: [Super_SID] Re: Meteor Detection

Yahoo group: Super_SID
Date: 2010-02-13 10:18:16 UTC
From: DIVYADARSHAN PUROHIT
Topic: 22 Message: 25

Dear Nick,
Thanks for very useful information about meteor detection by sid.
regards
ddpurohit
Cosmologist
Gurudev Observatory,
Vadodara
India

On Sat, Feb 13, 2010 at 2:07 AM, Nick <gross@...> wrote:

>
>
> Dear Wayne,
> Thanks for the interest and it is a good question.
> The SID monitors will most likely not detect meteors.
>
> Just to clarify for others, as meteors enter the atmosphere, they generate
> a tremendous amount of heat which ionizes the gas. This gives a dramatic,
> but very local enhancement to the ionosphere.
>
> Meteors will not be detected by the SID monitors for to main reasons. Since
> the SID monitors look at the signal strength over the whole path then any
> local disturbance will likely not affect the signal. Second, the SID
> monitors detect radio transmissions that reflect at the bottom of the
> ionosphere at 90 kilometers. Only very large meteors will penetrate the
> atmosphere to that level.
>
> Given the above, location is a moot point, but since the monitors do not
> detect any direction information, then you can not triangulate on a meteor
> even if you detect a meteor.
>
> It was a good idea to ask though. Had not really thought about this before.
>
> Nick Gross
>
> --- In Super_SID@yahoogroups.com <Super_SID%40yahoogroups.com>,
> "waynewatson95959" <sierra_mtnview@...> wrote:
> >
> > Does this equipment detect meteors? Would two such stations be able to
> provide some altitude data?
> >
>
>
>

26. advice

Yahoo group: Super_SID
Date: 2010-02-13 19:15:29 UTC
From: cosmogirl101@rocketmail.com
Topic: 26 Message: 26

Hello Everyone! I'm Ashley Bianco, I'm from Stanford's online High school and I just set up my SID monitor about a week ago. I followed all the directions and read everything. Though I'm very confused about how to tell if my monitor is actually detecting the solar flares or just electronic disturbances, any advice would be appreciated! I'm very new to this but I'm very very interested in astronomy and cosmology.

27. Re: [Super_SID] advice

Yahoo group: Super_SID
Date: 2010-02-14 17:09:28 UTC
From: WILLIAM & MELINDA LORD
Topic: 26 Message: 27

Ashley,

If you will send us a screen shot of the program as it is collecting data we can look at that and see what stations have a good signal above the ground floor noise. Also, have you configured what stations you want to collect data on?

After collecting data for 24 hours, you can go to the menu bar, select “Plot”, select a file and look at the graph. On page 37 in the SID Manual (on the disc under Docs) it gives you information to interpret the data as well as a link to the GOES data to compare.

There has been quite a bit of activity lately, so there is a good chance you have data on some flares.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sat, 2/13/10, cosmogirl101@... <cosmogirl101@rocketmail.com> wrote:

From: cosmogirl101@... <cosmogirl101@...m>
Subject: [Super_SID] advice
To: Super_SID@yahoogroups.com
Date: Saturday, February 13, 2010, 1:15 PM

Hello Everyone! I'm Ashley Bianco, I'm from Stanford's online High school and I just set up my SID monitor about a week ago. I followed all the directions and read everything. Though I'm very confused about how to tell if my monitor is actually detecting the solar flares or just electronic disturbances, any advice would be appreciated! I'm very new to this but I'm very very interested in astronomy and cosmology.

28. Vista

Yahoo group: Super_SID
Date: 2010-02-15 18:41:07 UTC
From: Dan
Topic: 28 Message: 28

Will SuperSID work with Vista?

I have an HP laptop with Vista and only input to speaker is microphone.
I have adjusted and tinkered. When program first starts, it will read the signal, and at the 5 sec read, it jumps back to zero, as if it were not plugged in. I have used the dB gain and volume controls at differnt settings, including off but not working. Mic is not muted. I have it working on XP with no hitches, just Vista.

Thanks for any input

Dan

29. Re: [Super_SID] Vista

Yahoo group: Super_SID
Date: 2010-02-15 21:40:48 UTC
From: WILLIAM & MELINDA LORD
Topic: 28 Message: 29

Dan,
We have only used the program on a variety of XP versions (Home, Pro, Media). Do not know why it would not work with VISTA. Is the sound card setting staying to what you set?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Mon, 2/15/10, Dan <dandee7@...> wrote:

From: Dan <dandee7@...>
Subject: [Super_SID] Vista
To: Super_SID@yahoogroups.com
Date: Monday, February 15, 2010, 12:41 PM

Will SuperSID work with Vista?

I have an HP laptop with Vista and only input to speaker is microphone.
I have adjusted and tinkered. When program first starts, it will read the signal, and at the 5 sec read, it jumps back to zero, as if it were not plugged in. I have used the dB gain and volume controls at differnt settings, including off but not working. Mic is not muted. I have it working on XP with no hitches, just Vista.

Thanks for any input

Dan

30. Re: Vista

Yahoo group: Super_SID
Date: 2010-02-15 22:10:02 UTC
From: abrandi2000
Topic: 28 Message: 30

Hi all,

yes SuperSID is working with VISTA. I have no problem with My VistaPC and SuperSID. Maybe you should try to update your Soundcard driver!

Karl-Heinz

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Dan,
> We have only used the program on a variety of XP versions (Home, Pro, Media).Â Do not know why it would not work with VISTA.Â Is the sound card setting staying to what you set?
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Mon, 2/15/10, Dan <dandee7@...> wrote:
>
>
> From: Dan <dandee7@...>
> Subject: [Super_SID] Vista
> To: Super_SID@yahoogroups.com
> Date: Monday, February 15, 2010, 12:41 PM
>
>
> Â
>
>
>
> Will SuperSID work with Vista?
>
> I have an HP laptop with Vista and only input to speaker is microphone.
> I have adjusted and tinkered. When program first starts, it will read the signal, and at the 5 sec read, it jumps back to zero, as if it were not plugged in. I have used the dB gain and volume controls at differnt settings, including off but not working. Mic is not muted. I have it working on XP with no hitches, just Vista.
>
> Thanks for any input
>
> Dan
>

31. Re: Vista

Yahoo group: Super_SID
Date: 2010-02-16 01:15:39 UTC
From: Dan
Topic: 28 Message: 31

Appreciate the quick response...
Sound drivers are current, all settings for card are ok per instuctions. Mic monitor shows input to mic 50-75% on meter at 20dB gain, 30dB gain to strong. Input to computer but not getting to sid. Muted speakers. Unplug antenna from computer and signal is gone. Plug antenna back in and signal is back, just not getting to sid. No indication of signal at all.

Dan

--- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@...> wrote:
>
> Hi all,
>
> yes SuperSID is working with VISTA. I have no problem with My VistaPC and SuperSID. Maybe you should try to update your Soundcard driver!
>
> Karl-Heinz
>
> --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@> wrote:
> >
> > Dan,
> > We have only used the program on a variety of XP versions (Home, Pro, Media).Â Do not know why it would not work with VISTA.Â Is the sound card setting staying to what you set?
> >
> > Bill & Melinda Lord
> > www.tnSkyNet.com
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> > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> >
> > --- On Mon, 2/15/10, Dan <dandee7@> wrote:
> >
> >
> > From: Dan <dandee7@>
> > Subject: [Super_SID] Vista
> > To: Super_SID@yahoogroups.com
> > Date: Monday, February 15, 2010, 12:41 PM
> >
> >
> > Â
> >
> >
> >
> > Will SuperSID work with Vista?

> >
> > I have an HP laptop with Vista and only input to speaker is microphone.
> > I have adjusted and tinkered. When program first starts, it will read the signal, and at the 5 sec read, it jumps back to zero, as if it were not plugged in. I have used the dB gain and volume controls at differnt settings, including off but not working. Mic is not muted. I have it working on XP with no hitches, just Vista.
> >
> > Thanks for any input
> >
> > Dan
> >
>

32. An Invitation

Yahoo group: Super_SID
Date: 2010-02-16 16:24:52 UTC
From: DIVYADARSHAN PUROHIT
Topic: 32 Message: 32
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Friends,

* "SID" is the space weather monitoring programme governed by Stanford Solar Center & supported by NASA,SARA,CISM,NSF,UNO & many other well known space institutes,observtories."Super Sid" is Radio telescope designed by SARA for SID monitoring.*
**
SARA has approved the grant & donate us the whole super sid system which will be the ever first project of State of Gujarat & 6th of India.
**
*We will use 6ft.*6ft specially design loop antenna having 25 loops of cable of 400 feet length with Super Sid receiver,HD Sound card,PC & multimedia system.It will track change in VLF signals & thus change in Ionosphere & space weather.*
**
*More details can be have on
**http://www.radio-astronomy.org*<http://www.radio-astronomy.org/node/107>
* or **http://solar-center.stanford.edu/SID/*<http://solar-center.stanford.edu/SID/>
.
**
We Purohit Pariwar(Family) cordially invite you on inauguration function of this Super Sid Project.Kindly attend the function with family & friends/send your priceless blessings & comments.
**
regards,Pranam,
Divyadarshan D.Purohit
* And Purohit Pariwar.*
Gurudev Observatory,
Vadodara
India
+91-09925294836

33. Re: Vista

Yahoo group: Super_SID
Date: 2010-02-16 19:34:16 UTC
From: abrandi2000
Topic: 28 Message: 33

Hello Dan,

are you sure only Mic input is available? I mean not the phyiscal connection. Some laptop's have MIC and line input for the same connector. When you configure it for Microfon the Soundcard switch to different input filter and add a 20dB mic booster. If you configure it to LineIN, 20dB booster is off and lowpass filter is switched off.
Can you check this??

Karl-Heinz

--- In Super_SID@yahoogroups.com, "Dan" <dandee7@...> wrote:
>
>
>
> Appreciate the quick response...
> Sound drivers are current, all settings for card are ok per instuctions. Mic monitor shows input to mic 50-75% on meter at 20dB gain, 30dB gain to strong. Input to computer but not getting to sid. Muted speakers. Unplug antenna from computer and signal is gone. Plug antenna back in and signal is back, just not getting to sid. No indication of signal at all.
>
> Dan
>
> --- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@> wrote:
> >
> > Hi all,
> >
> > yes SuperSID is working with VISTA. I have no problem with My VistaPC and SuperSID. Maybe you should try to update your Soundcard driver!
> >
> > Karl-Heinz
> >
> > --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@> wrote:
> > >
> > > Dan,
> > > We have only used the program on a variety of XP versions (Home, Pro, Media).Â Do not know why it would not work with VISTA.Â Is the sound card setting staying to what you set?
> > >
> > > Bill & Melinda Lord
> > > www.tnSkyNet.com
> > > www.radio-astronomy.org
> > >
> > > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> > >

> > > --- On Mon, 2/15/10, Dan <dandee7@> wrote:
> > >
> > >
> > > From: Dan <dandee7@>
> > > Subject: [Super_SID] Vista
> > > To: Super_SID@yahoogroups.com
> > > Date: Monday, February 15, 2010, 12:41 PM
> > >
> > >
> > > Â
> > >
> > >
> > >
> > > Will SuperSID work with Vista?
> > >
> > > I have an HP laptop with Vista and only input to speaker is microphone.
> > > I have adjusted and tinkered. When program first starts, it will read the signal, and at the 5 sec read, it jumps back to zero, as if it were not plugged in. I have used the dB gain and volume controls at differnt settings, including off but not working. Mic is not muted. I have it working on XP with no hitches, just Vista.
> > >
> > > Thanks for any input
> > >
> > > Dan
> > >
> >
>

34. Re: Vista

Yahoo group: Super_SID
Date: 2010-02-16 21:44:13 UTC
From: Dan
Topic: 28 Message: 34

Hi Karl,

I found the problem. For interest sake, it was in "control panel (Vista GUI), additional option, smart audio". Then I checked "no enhancements". Enhancements came factory set up. This is an HP laptop with conexant 221 sound card. It had to do with speech recognition. You nailed it...(;>

I certainly appreciate your help.
Thanks again,

Dan Adams

--- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@...> wrote:
>
> Hello Dan,
>
> are you sure only Mic input is available? I mean not the phyiscal connection. Some laptop's have MIC and line input for the same connector. When you configure it for Microfon the Soundcard switch to different input filter and add a 20dB mic booster. If you configure it to LineIN, 20dB booster is off and lowpass filter is switched off.
> Can you check this??
>
> Karl-Heinz
>
> --- In Super_SID@yahoogroups.com, "Dan" <dandee7@> wrote:
> >
> >
> >
> > Appreciate the quick response...
> > Sound drivers are current, all settings for card are ok per instuctions. Mic monitor shows input to mic 50-75% on meter at 20dB gain, 30dB gain to strong. Input to computer but not getting to sid. Muted speakers. Unplug antenna from computer and signal is gone. Plug antenna back in and signal is back, just not getting to sid. No indication of signal at all.
> >
> > Dan
> >
> > --- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@> wrote:
> > >
> > > Hi all,
> > >
> > > yes SuperSID is working with VISTA. I have no problem with My VistaPC and SuperSID. Maybe you should try to update your Soundcard driver!
> > >
> > > Karl-Heinz
> > >

> > > --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@> wrote:
> > > >
> > > > Dan,
> > > > We have only used the program on a variety of XP versions (Home, Pro, Media).Â Do not know why it would not work with VISTA.Â Is the sound card setting staying to what you set?
> > > >
> > > > Bill & Melinda Lord
> > > > www.tnSkyNet.com
> > > > www.radio-astronomy.org
> > > >
> > > > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> > > >
> > > > --- On Mon, 2/15/10, Dan <dandee7@> wrote:
> > > >
> > > >
> > > > From: Dan <dandee7@>
> > > > Subject: [Super_SID] Vista
> > > > To: Super_SID@yahoogroups.com
> > > > Date: Monday, February 15, 2010, 12:41 PM
> > > >
> > > >
> > > > Â
> > > >
> > > >
> > > >
> > > > Will SuperSID work with Vista?
> > > >
> > > > I have an HP laptop with Vista and only input to speaker is microphone.
> > > > I have adjusted and tinkered. When program first starts, it will read the signal, and at the 5 sec read, it jumps back to zero, as if it were not plugged in. I have used the dB gain and volume controls at differnt settings, including off but not working. Mic is not muted. I have it working on XP with no hitches, just Vista.
> > > >
> > > > Thanks for any input
> > > >
> > > > Dan
> > > >
> > >
> >
>

35. Re: Vista

Yahoo group: Super_SID
Date: 2010-02-17 20:10:38 UTC
From: abrandi2000
Topic: 28 Message: 35

Hello Dan,

that's good news, finaly you resolved the problem.
Good luck for observing some nice SID's!

have fun,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Dan" <dandee7@...> wrote:
>
> Hi Karl,
>
> I found the problem. For interest sake, it was in "control panel (Vista GUI), additional option, smart audio". Then I checked "no enhancements". Enhancements came factory set up.
> This is an HP laptop with conexant 221 sound card. It had to do with speech recognition. You nailed it...(;>
>
> I certainly appreciate your help.
> Thanks again,
>
> Dan Adams
>
> --- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@> wrote:
> >
> > Hello Dan,
> >
> > are you sure only Mic input is available? I mean not the phyiscal connection. Some laptop's have MIC and line input for the same connector. When you configure it for Microfon the Soundcard switch to different input filter and add a 20dB mic booster. If you configure it to LineIN, 20dB booster is off and lowpass filter is switched off.
> > Can you check this??
> >
> > Karl-Heinz
> >
> > --- In Super_SID@yahoogroups.com, "Dan" <dandee7@> wrote:
> > >
> > >
> > >
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> > > Sound drivers are current, all settings for card are ok per instuctions. Mic monitor shows input to mic 50-75% on meter at 20dB gain, 30dB gain to strong. Input to computer but not getting to sid. Muted speakers. Unplug antenna from computer and signal is gone. Plug antenna back in and signal is back, just not getting to sid. No indication of signal at all.
> > >
> > > Dan

> > >
> > > --- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@> wrote:
> > > >
> > > > Hi all,
> > > >
> > > > yes SuperSID is working with VISTA. I have no problem with My VistaPC and SuperSID. Maybe you should try to update your Soundcard driver!
> > > >
> > > > Karl-Heinz
> > > >
> > > > --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@> wrote:
> > > > >
> > > > > Dan,
> > > > > We have only used the program on a variety of XP versions (Home, Pro, Media).Â Do not know why it would not work with VISTA.Â Is the sound card setting staying to what you set?
> > > > >
> > > > > Bill & Melinda Lord
> > > > > www.tnSkyNet.com
> > > > > www.radio-astronomy.org
> > > > >
> > > > > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> > > > >
> > > > > --- On Mon, 2/15/10, Dan <dandee7@> wrote:
> > > > >
> > > > >
> > > > > From: Dan <dandee7@>
> > > > > Subject: [Super_SID] Vista
> > > > > To: Super_SID@yahoogroups.com
> > > > > Date: Monday, February 15, 2010, 12:41 PM
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> > > > > I have an HP laptop with Vista and only input to speaker is microphone.
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> > > > >
> > > > > Thanks for any input
> > > > >
> > > > > Dan
> > > > >
> > > >

> > >
> >
>

36. An Invitation

Yahoo group: Super_SID
Date: 2010-02-18 09:26:39 UTC
From: DIVYADARSHAN PUROHIT
Topic: 32 Message: 36
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Friends,

* "SID" is the space weather monitoring programme governed by Stanford Solar Center & supported by NASA,SARA,CISM,NSF,UNO & many other well known space institutes,observtories."Super Sid" is Radio telescope designed by SARA for SID monitoring.*
**
SARA has approved the grant & donate us the whole super sid system which will be the ever first project of State of Gujarat & 6th of India.
**
*We will use 6ft.*6ft specially design loop antenna having 25 loops of cable of 400 feet length with Super Sid receiver,HD Sound card,PC & multimedia system.It will track change in VLF signals & thus change in Ionosphere & space weather.*
**
*More details can be have on
**http://www.radio-astronomy.org*<http://www.radio-astronomy.org/node/107>
* or **http://solar-center.stanford.edu/SID/*<http://solar-center.stanford.edu/SID/>
.
**
We Purohit Pariwar(Family) cordially invite you on inauguration function of this Super Sid Project.Kindly attend the function with family & friends/send your priceless blessings & comments.
**
regards,Pranam,
Divyadarshan D.Purohit
* And Purohit Pariwar.*
Gurudev Observatory,
Vadodara
India
+91-09925294836

37. Super Sid is on its way in India

Yahoo group: Super_SID
Date: 2010-02-21 09:58:41 UTC
From: DIVYADARSHAN PUROHIT
Topic: 37 Message: 37
Attachments: 5 described; binary payloads are missing from this source WARC

Dear Friends,
**
Super Sid Inauguration function got tremendous success.We had there with us school childeren of two famous school of Vadodara (1)Jivanbharati (2)Urmi,Prominent astronomers,professors,scientist,local public,neigbhours & 45 members from Print & electronic media.We have officially launched our Super Sid project on 19th Feb.2010 at 4:00pm by making puja(worship)of eternal god sun with Gayatri Chant .Press took this event to millions of Indians.
**
With this I have send some pictures of sid antenna construction,making of loop & inauguration.I have pictures & movie of app.1GB file so it is not possible to send via email but I will try to send some of them of 3mb each one by one in every email.
**
Mean while we all are grateful to all of you & all our well wisher for supporting us.Now we are observing changing in VLF & thus space weather with help of SUPER SID & Solar & Jupiter observation with help of Radio Jove.
**
regards
Divyadarshan D.Purohit & Family
Gurudev Observatory,
Vadoara
India

38. Fwd: Super Sid is on its way in India

Yahoo group: Super_SID
Date: 2010-02-21 10:09:08 UTC
From: DIVYADARSHAN PUROHIT
Topic: 38 Message: 38
Attachments: 5 described; binary payloads are missing from this source WARC

Dear Friends,
**
Super Sid Inauguration function got tremendous success.We had there with us school childeren of two famous school of Vadodara (1)Jivanbharati (2)Urmi,Prominent astronomers,professors,scientist,local public,neigbhours & 45 members from Print & electronic media.We have officially launched our Super Sid project on 19th Feb.2010 at 4:00pm by making puja(worship)of eternal god sun with Gayatri Chant .Press took this event to millions of Indians.
**
With this I have send some pictures of sid antenna construction,making of loop & inauguration.I have pictures & movie of app.1GB file so it is not possible to send via email but I will try to send some of them of 3mb each one by one in every email.
**
Mean while we all are grateful to all of you & all our well wisher for supporting us.Now we are observing changing in VLF & thus space weather with help of SUPER SID & Solar & Jupiter observation with help of Radio Jove.
**
regards
Divyadarshan D.Purohit & Family
Gurudev Observatory,
Vadoara
India

39. Re: [Super_SID] advice

Yahoo group: Super_SID
Date: 2010-02-22 01:14:08 UTC
From: Ashley Bianco
Topic: 26 Message: 39
Attachments: 1 described; binary payloads are missing from this source WARC

great! I attached a picture of my monitor collecting the data. I think I'm going to configure my monitor to watch the NAA station, but I'm still a bit unsure. and I was wondering, would it be possible to conduct a experiment on the difference between nighttime signals and daytime signals? I really want to do an experiment, but I don't think I could do an experiment on nighttime signals and etc. I'm wondering if it would be better do an experiment on whether more solar flares occured during the night than the day. thank you so much :)

From: WILLIAM & MELINDA LORD <ap_guardian@...>
To: Super_SID@yahoogroups.com
Sent: Sun, February 14, 2010 9:09:28 AM
Subject: Re: [Super_SID] advice

Ashley,

If you will send us a screen shot of the program as it is collecting data we can look at that and see what stations have a good signal above the ground floor noise. Also, have you configured what stations you want to collect data on?

After collecting data for 24 hours, you can go to the menu bar, select “Plot”, select a file and look at the graph. On page 37 in the SID Manual (on the disc under Docs) it gives you information to interpret the data as well as a link to the GOES data to compare.

There has been quite a bit of activity lately, so there is a good chance you have data on some flares.

Bill & Melinda Lord
www.tnSkyNet. com
www.radio-astronomy .org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sat, 2/13/10, cosmogirl101@ rocketmail. com <cosmogirl101@ rocketmail. com> wrote:

>From: cosmogirl101@ rocketmail. com <cosmogirl101@ rocketmail. com>
>Subject: [Super_SID] advice
>To: Super_SID@yahoogrou ps.com
>Date: Saturday, February 13, 2010, 1:15 PM
>
>
>
>Hello Everyone! I'm Ashley Bianco, I'm from Stanford's online High school and I just set up my SID monitor about a week ago. I followed all the directions and read everything. Though I'm very confused about how to tell if my monitor is actually detecting the solar

flares or just electronic disturbances, any advice would be appreciated! I'm very new to this but I'm very very interested in astronomy and cosmology.
>
>

40. Re: [Super_SID] advice [1 Attachment]

Yahoo group: Super_SID
Date: 2010-02-22 01:35:57 UTC
From: WILLIAM & MELINDA LORD
Topic: 26 Message: 40

Ashley,

Can you verify your control panel settings? Make sure you are using Line In. The spectrum does not look as good as it should. Are you in an area with a lot of interference? I.e. power lines, dimmer switches, fluorescent lights, etc.?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sun, 2/21/10, Ashley Bianco <cosmogirl101@...> wrote:

From: Ashley Bianco <cosmogirl101@...>
Subject: Re: [Super_SID] advice [1 Attachment]
To: Super_SID@yahoogroups.com
Date: Sunday, February 21, 2010, 7:14 PM

[Attachment(s) from Ashley Bianco included below]

great! I attached a picture of my monitor collecting the data. I think I'm going to configure my monitor to watch the NAA station, but I'm still a bit unsure. and I was wondering, would it be possible to conduct a experiment on the difference between nighttime signals and daytime signals? I really want to do an experiment, but I don't think I could do an experiment on nighttime signals and etc. I'm wondering if it would be better do an experiment on whether more solar flares occured during the night than the day. thank you so much :)

From: WILLIAM & MELINDA LORD <ap_guardian@ yahoo.com>
To: Super_SID@yahoogrou ps.com
Sent: Sun, February 14, 2010 9:09:28 AM
Subject: Re: [Super_SID] advice

Ashley,

If you will send us a screen shot of the program as it is collecting data we can look at that and see what stations have a good signal above the ground floor noise. Also, have you configured what stations you want to collect data on?

After collecting data for 24 hours, you can go to the menu bar, select “Plot”, select a file and look at the graph. On page 37 in the SID Manual (on the disc under Docs) it gives you information to interpret the data as well as a link to the GOES data to compare.

There has been quite a bit of activity lately, so there is a good chance you have data on some flares.

Bill & Melinda Lord
www.tnSkyNet. com
www.radio-astronomy .org

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--- On Sat, 2/13/10, cosmogirl101@ rocketmail. com <cosmogirl101@ rocketmail. com> wrote:

From: cosmogirl101@ rocketmail. com <cosmogirl101@ rocketmail. com>
Subject: [Super_SID] advice
To: Super_SID@yahoogrou ps.com
Date: Saturday, February 13, 2010, 1:15 PM

Hello Everyone! I'm Ashley Bianco, I'm from Stanford's online High school and I just set up my SID monitor about a week ago. I followed all the directions and read everything. Though I'm very confused about how to tell if my monitor is actually detecting the solar flares or just electronic disturbances, any advice would be appreciated! I'm very new to this but I'm very very interested in astronomy and cosmology.

41. Re: [Super_SID] advice

Yahoo group: Super_SID
Date: 2010-02-22 02:34:18 UTC
From: Ashley Bianco
Topic: 26 Message: 41
Attachments: 1 described; binary payloads are missing from this source WARC

uh oh, okay well right now I'm using an AC97 sound card on a dell laptop; I am using Line in. I think what is happening is that I had my monitor in a room with flourescent lights, and my monitor is on 24/7. I went ahead and moved my monitor to a better place, and I took another screenshot. hopefully the data should be a bit better.

From: WILLIAM & MELINDA LORD <ap_guardian@...>
To: Super_SID@yahoogroups.com
Sent: Sun, February 21, 2010 5:35:57 PM
Subject: Re: [Super_SID] advice

Ashley,

Can you verify your control panel settings? Make sure you are using Line In. The spectrum does not look as good as it should. Are you in an area with a lot of interference? I.e. power lines, dimmer switches, fluorescent lights, etc.?

Bill & Melinda Lord
www.tnSkyNet. com
www.radio-astronomy .org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sun, 2/21/10, Ashley Bianco <cosmogirl101@ rocketmail. com> wrote:

>From: Ashley Bianco <cosmogirl101@ rocketmail. com>
>Subject: Re: [Super_SID] advice [1 Attachment]
>To: Super_SID@yahoogrou ps.com
>Date: Sunday, February 21, 2010, 7:14 PM
>
>
>
>great! I attached a picture of my monitor collecting the data. I think I'm going to configure my monitor to watch the NAA station, but I'm still a bit unsure. and I was wondering, would it be possible to conduct a experiment on the difference between nighttime signals and daytime signals? I really want to do an experiment, but I don't think I could do an experiment on nighttime signals and etc. I'm wondering if it would be better do an experiment on whether more solar flares occured during the night than the day. thank you so much :)
>
>

From: WILLIAM & MELINDA LORD <ap_guardian@ yahoo.com>
>To: Super_SID@yahoogrou ps.com
>Sent: Sun, February 14, 2010 9:09:28 AM

>Subject: Re: [Super_SID] advice
>
>
>Ashley,
>
>If you will send us a screen shot of the program as it is collecting data we can look at that and see what stations have a good signal above the ground floor noise. Also, have you configured what stations you want to collect data on?
>
>After collecting data for 24 hours, you can go to the menu bar, select “Plot”, select a file and look at the graph. On page 37 in the SID Manual (on the disc under Docs) it gives you information to interpret the data as well as a link to the GOES data to compare.
>
>There has been quite a bit of activity lately, so there is a good chance you have data on some flares.
>
>Bill & Melinda Lord
>www.tnSkyNet. com
>www.radio-astronomy .org
>
>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
>--- On Sat, 2/13/10, cosmogirl101@ rocketmail. com <cosmogirl101@ rocketmail. com> wrote:
>
>
>>From: cosmogirl101@ rocketmail. com <cosmogirl101@ rocketmail. com>
>>Subject: [Super_SID] advice
>>To: Super_SID@yahoogrou ps.com
>>Date: Saturday, February 13, 2010, 1:15 PM
>>
>>
>>
>>Hello Everyone! I'm Ashley Bianco, I'm from Stanford's online High school and I just set up my SID monitor about a week ago. I followed all the directions and read everything. Though I'm very confused about how to tell if my monitor is actually detecting the solar flares or just electronic disturbances, any advice would be appreciated! I'm very new to this but I'm very very interested in astronomy and cosmology.
>>
>>
>

42. Re: [Radio_JOVE] Super Sid is on its way in India

Yahoo group: Super_SID
Date: 2010-02-22 16:49:00 UTC
From: DIVYADARSHAN PUROHIT
Topic: 42 Message: 42
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Steve & all my dear friends of Radio Jove,
**
thanks for nice encouraging words.We have built 6ft by 6ft antenna with help of C channel,frp poles,each of 6 ft.length.We use another two piece of 5ft.each frp pole for support & 2ft.each as legs of each support.At 2/3 distance from top we have put one wooden support to strengthen the structure as you can see in picture.Then we make 24.5 loop of total 400 ft.cable.Even though whole structure weights app.1.5 kg.with all things,so we can steer it easily to locate VLF signals.We are doing trial & error under precious guidance of William & Millinda Loard & Deborah Scherrer to have some proper observation.
You all are most well come for more details & kindly keep us guiding by your knowledge & rich experience in Radio Astronomy.
regards
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
On Sun, Feb 21, 2010 at 9:14 PM, svuk137 <svuk137@...> wrote:

>
>
> Thank you for sharing the information . It certainly looks like you had a
> very successful ceremony with all of those participants that you mentioned.
> Wish you much success and enjoyment of your project.
> Looks like an impressive loop antenna for VLF frequencies. I am curious as
> to approximate size and number of turns of wire and your success in
> monitoring SID with it.
>
> Regards....Steve
>
> On Sun, 21 Feb 2010 15:28:41 +0530 DIVYADARSHAN PUROHIT <
> divyadarshan63@gmail.com> writes:
>
>
>
>
> *Dear Friends,*
> **
> *Super Sid Inauguration function got tremendous success.We had there with
> us school childeren of two famous school of Vadodara (1)Jivanbharati
> (2)Urmi,Prominent astronomers,professors,scientist,local public,neigbhours &
> 45 members from Print & electronic media.We have officially launched our
> Super Sid project on 19th Feb.2010 at 4:00pm by making puja(worship)of
> eternal god sun with Gayatri Chant .Press took this event to millions of

> Indians.*
> **
> *With this I have send some pictures of sid antenna construction,making of
> loop & inauguration.I have pictures & movie of app.1GB file so it is not
> possible to send via email but I will try to send some of them of 3mb each
> one by one in every email.*
> **
> *Mean while we all are grateful to all of you & all our well wisher for
> supporting us.Now we are observing changing in VLF & thus space weather with
> help of SUPER SID & Solar & Jupiter observation with help of Radio Jove.*
> **
> *regards*
> *Divyadarshan D.Purohit & Family*
> *Gurudev Observatory,*
> *Vadoara*
> India
>
>
>
> --
> Get Free Email with Video Mail Video
Chat!<http://www.juno.com/freeemail?refcd=JUTAGOUT1FREM0210>
>
>
>

43. starting observation

Yahoo group: Super_SID
Date: 2010-02-22 18:23:14 UTC
From: DIVYADARSHAN PUROHIT
Topic: 43 Message: 43
Attachments: 3 described; binary payloads are missing from this source WARC

Dear Friends,
Please find here with two images & recent buffer of our sid observation.This is our first attempt,mistake will be there,but hope to go in more & more depth in next few days.
regards
ddpurohit
gurudev Observatory,
vadodara
India

44. Some more pictures

Yahoo group: Super_SID
Date: 2010-02-22 18:15:40 UTC
From: DIVYADARSHAN PUROHIT
Topic: 44 Message: 44
Attachments: 5 described; binary payloads are missing from this source WARC

Dear Friends,
here with I have send some compressed pictures of function just for reference.Sid Observation is being started .Thanks a lot for your kind cooperation.
regards
ddpurohit

45. Re: [Super_SID] advice [1 Attachment]

Yahoo group: Super_SID
Date: 2010-02-22 18:36:25 UTC
From: WILLIAM & MELINDA LORD
Topic: 26 Message: 45

Ashley,
You need to use a sound card that can record (sample) at 96 kHz. The pre-amp only increases the signal- the sound card actually processes the signal.

The AC97 can only record up to 48 kHz. In North and South America, the VLF stations are at higher frequncies and can only be detected by using sound cards with the higher sampling rate.

If you did not get a SoundBlaster card with your kit, let us know. If you can open the computer box, they are pretty easy to install.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sun, 2/21/10, Ashley Bianco <cosmogirl101@rocketmail.com> wrote:

From: Ashley Bianco <cosmogirl101@...>
Subject: Re: [Super_SID] advice [1 Attachment]
To: Super_SID@yahoogroups.com
Date: Sunday, February 21, 2010, 8:34 PM

[Attachment(s) from Ashley Bianco included below]

uh oh, okay well right now I'm using an AC97 sound card on a dell laptop; I am using Line in. I think what is happening is that I had my monitor in a room with flourescent lights, and my monitor is on 24/7. I went ahead and moved my monitor to a better place, and I took another screenshot. hopefully the data should be a bit better.

From: WILLIAM & MELINDA LORD <ap_guardian@ yahoo.com>
To: Super_SID@yahoogrou ps.com
Sent: Sun, February 21, 2010 5:35:57 PM
Subject: Re: [Super_SID] advice

Ashley,

Can you verify your control panel settings? Make sure you are using Line In. The spectrum does not look as good as it should. Are you in an area with a lot of interference? I.e. power lines, dimmer switches, fluorescent lights, etc.?

Bill & Melinda Lord
www.tnSkyNet. com
www.radio-astronomy .org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sun, 2/21/10, Ashley Bianco <cosmogirl101@ rocketmail. com> wrote:

From: Ashley Bianco <cosmogirl101@ rocketmail. com>
Subject: Re: [Super_SID] advice [1 Attachment]
To: Super_SID@yahoogrou ps.com
Date: Sunday, February 21, 2010, 7:14 PM

great! I attached a picture of my monitor collecting the data. I think I'm going to configure my monitor to watch the NAA station, but I'm still a bit unsure. and I was wondering, would it be possible to conduct a experiment on the difference between nighttime signals and daytime signals? I really want to do an experiment, but I don't think I could do an experiment on nighttime signals and etc. I'm wondering if it would be better do an experiment on whether more solar flares occured during the night than the day. thank you so much :)

From: WILLIAM & MELINDA LORD <ap_guardian@ yahoo.com>
To: Super_SID@yahoogrou ps.com
Sent: Sun, February 14, 2010 9:09:28 AM
Subject: Re: [Super_SID] advice

Ashley,

If you will send us a screen shot of the program as it is collecting data we can look at that and see what stations have a good signal above the ground floor noise. Also, have you configured what stations you want to collect data on?

After collecting data for 24 hours, you can go to the menu bar, select “Plot”, select a file and look at the graph. On page 37 in the SID Manual (on the disc under Docs) it gives you information to interpret the data as well as a link to the GOES data to compare.

There has been quite a bit of activity lately, so there is a good chance you have data on some flares.

Bill & Melinda Lord
www.tnSkyNet. com
www.radio-astronomy .org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sat, 2/13/10, cosmogirl101@ rocketmail. com <cosmogirl101@ rocketmail. com> wrote:

From: cosmogirl101@ rocketmail. com <cosmogirl101@ rocketmail. com>
Subject: [Super_SID] advice
To: Super_SID@yahoogrou ps.com
Date: Saturday, February 13, 2010, 1:15 PM

Hello Everyone! I'm Ashley Bianco, I'm from Stanford's online High school and I just set up my SID monitor about a week ago. I followed all the directions and read everything. Though I'm very confused about how to tell if my monitor is actually detecting the solar flares or just electronic disturbances, any advice would be appreciated! I'm very new to this but I'm

very very interested in astronomy and cosmology.

46. Re: [Super_SID] Some more pictures [15 Attachments]

Yahoo group: Super_SID
Date: 2010-02-22 18:48:30 UTC
From: WILLIAM & MELINDA LORD
Topic: 44 Message: 46

DD,
Great job with the inauguration! We love to see the enthusiasm you and your family have for radio astronomy and science. Keep up the good work.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Mon, 2/22/10, DIVYADARSHAN PUROHIT <divyadarshan63@...> wrote:

From: DIVYADARSHAN PUROHIT <divyadarshan63@gmail.com>
Subject: [Super_SID] Some more pictures [15 Attachments]
To: "radio_jove" <Radio_JOVE@yahoogroups.com>, Super_SID@yahoogroups.com
Date: Monday, February 22, 2010, 12:15 PM

[Attachment(s) from DIVYADARSHAN PUROHIT included below]

Dear Friends,
here with I have send some compressed pictures of function just for reference.Sid Observation is being started .Thanks a lot for your kind cooperation.
regards
ddpurohit

47. Re: [Super_SID] advice: Night Time Signal

Yahoo group: Super_SID
Date: 2010-02-23 02:29:44 UTC
From: Nicholas Gross
Topic: 26 Message: 47
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Ashley,
Sounds like you are making some great progress on getting your instrument set up.
There are a lot of questions about what is going on with night time signals and it is an interesting problem.
Let me dump what I know about it and see if that helps. I also hope that this will put some context on what the monitor is doing for others.

First, of course you are aware that if it is night time at your receiver then of it is day time some where else. Activity on the Sun is not affected by the rotation of the Earth or which side of the Earth is facing the Sun.
You can monitor Solar activity at any given time using the GOES Weather Satellite data
(shown in near realtime at http://www.swpc.noaa.gov/
and archive at http://www.swpc.noaa.gov/ftpmenu/plots/xray.html)
You can also see images of solar activity taken by the SOHO space craft at
http://sohowww.nascom.nasa.gov/data/realtime-images.html
So any difference between two sides of the earth will have to do with how the signals travel along different paths around the world.

X-Rays generated by Solar Flares travel at the speed of light and along "Line of Sight". That is to say they travel in straight lines from the source to the observer or what they interact with. So Solar flares will only affect the ionosphere and cause a signal at the SID receiver on the day side of the Earth.

A third issue is that the radio waves transmitted by the radio transmitters and detected by the monitors are moderated by the "D-Layer" of the ionosphere (as opposed to the "E" and "F" layers). The D-layer is the lowest layer in the ionosphere, at about 90 km up, and pretty much disappears at night. It is generated by continuous UV radiation during the day, which constantly breaks up the atoms into electrons and ions. Once the Sun sets, the ions and electron recombine quickly at that altitude to form neutral atoms. The radio waves from the transmitter then reflect off E-Layer of the ionosphere.

We think that much of the night time signal comes from the variable local conditions. Thunderstorms either near the receiver, or somewhere along the path between the transmitter and receiver might cause some of the variation. Movement of the atmosphere at the 100 km altitude (remember that airliner jets don't fly above 10 km) can cause some of the signal.

Could please tell me a little more about what kind of project you are interested in doing and perhaps we could brainstorm some more here about what interesting questions are out there.

Best Regards,
Nick Gross

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

Ashley Bianco wrote:
> [Attachment(s) <#TopText> from Ashley Bianco included below]
>
> great! I attached a picture of my monitor collecting the data. I think
> I'm going to configure my monitor to watch the NAA station, but I'm
> still a bit unsure. and I was wondering, would it be possible to
> conduct a experiment on the difference between nighttime signals and
> daytime signals? I really want to do an experiment, but I don't think
> I could do an experiment on nighttime signals and etc. I'm wondering
> if it would be better do an experiment on whether more solar flares
> occured during the night than the day. thank you so much :)
> ---
> *From:* WILLIAM & MELINDA LORD <ap_guardian@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Sun, February 14, 2010 9:09:28 AM
> *Subject:* Re: [Super_SID] advice
>
>
>
> Ashley,
>
>
>
> If you will send us a screen shot of the program as it is collecting
> data we can look at that and see what stations have a good signal
> above the ground floor noise. Also, have you configured what stations
> you want to collect data on?
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>
>
> After collecting data for 24 hours, you can go to the menu bar, select
> “Plot”, select a file and look at the graph. On page 37 in the SID
> Manual (on the disc under Docs) it gives you information to interpret
> the data as well as a link to the GOES data to compare.
>
>
>

> There has been quite a bit of activity lately, so there is a good
> chance you have data on some flares.
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> Bill & Melinda Lord
> www.tnSkyNet. com
> www.radio-astronomy .org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> --- On *Sat, 2/13/10, cosmogirl101@ rocketmail. com /<cosmogirl101@
> rocketmail. com>/* wrote:
>
>
> From: cosmogirl101@ rocketmail. com <cosmogirl101@ rocketmail. com>
> Subject: [Super_SID] advice
> To: Super_SID@yahoogrou ps.com
> Date: Saturday, February 13, 2010, 1:15 PM
>
>
> Hello Everyone! I'm Ashley Bianco, I'm from Stanford's online High
> school and I just set up my SID monitor about a week ago. I
> followed all the directions and read everything. Though I'm very
> confused about how to tell if my monitor is actually detecting the
> solar flares or just electronic disturbances, any advice would be
> appreciated! I'm very new to this but I'm very very interested in
> astronomy and cosmology.
>
>
>
> Attachment(s) from Ashley Bianco
>
> 1 of 1 File(s)
>
> DMA data collecting.pdf
> <http://d.yimg.com/kq/groups/36280421/236658068/name/DMA%20data%20collecting%2Epdf>
>
>

48. Re: [Super_SID] starting observation [3 Attachments]

Yahoo group: Super_SID
Date: 2010-02-23 03:11:42 UTC
From: Nicholas Gross
Topic: 43 Message: 48
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Ddpurohit
I have been following your enthusiastic posts of the last couple of days. Great to see that you are starting to take data! These plots look like data from only a very short time. Is that true? Would be great to see a full day or even a couple of days of data. I look forward to following your progress.
Nick

DIVYADARSHAN PUROHIT wrote:
> [Attachment(s) <#TopText> from DIVYADARSHAN PUROHIT included below]
>
> Dear Friends,
> Please find here with two images & recent buffer of our sid
> observation.This is our first attempt,mistake will be there,but hope
> to go in more & more depth in next few days.
> regards
> ddpurohit
> gurudev Observatory,
> vadodara
> India
>
> Attachment(s) from DIVYADARSHAN PUROHIT
>
> 2 of 2 Photo(s)
>
> image.png
> <http://groups.yahoo.com/group/Super_SID/attachments/folder/318108693/item/1207871780/view>
> image.png
> <http://groups.yahoo.com/group/Super_SID/attachments/folder/318108693/item/1207871780/view>
> image1.png
>
<http://groups.yahoo.com/group/Super_SID/attachments/folder/318108693/item/863723783/view>
> image1.png
>
<http://groups.yahoo.com/group/Super_SID/attachments/folder/318108693/item/863723783/view>
>
> 1 of 1 File(s)
>
> current_buffers.csv
> <http://d.yimg.com/kq/groups/36280421/1809149734/name/current_buffers%2Ecsv>
>
>

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

49. Re: [Super_SID] starting observation

Yahoo group: Super_SID
Date: 2010-02-23 12:34:21 UTC
From: DIVYADARSHAN PUROHIT
Topic: 43 Message: 49

Dear Nicholas Gross ,
Thanks for very nice encouraging words.You are absolutely true.Data was of very short period & of night time.Today I have observed Sunrise & at present am observing Sunset.I will send this both data to you at tonight.I will try to extend the limit of observation looking to schedule of my job.Meanwhile kindly keep guiding to me & all of us new comers.
regards
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

On Tue, Feb 23, 2010 at 8:41 AM, Nicholas Gross <gross@...> wrote:

>
>
> Hi Ddpurohit
> I have been following your enthusiastic posts of the last couple of
> days. Great to see that you are starting to take data! These plots look
> like data from only a very short time. Is that true? Would be great to
> see a full day or even a couple of days of data. I look forward to
> following your progress.
> Nick
>
> DIVYADARSHAN PUROHIT wrote:
> > [Attachment(s) <#TopText> from DIVYADARSHAN PUROHIT included below]
>
> >
> > Dear Friends,
> > Please find here with two images & recent buffer of our sid
> > observation.This is our first attempt,mistake will be there,but hope
> > to go in more & more depth in next few days.
> > regards
> > ddpurohit
> > gurudev Observatory,
> > vadodara
> > India
> >
> > Attachment(s) from DIVYADARSHAN PUROHIT
> >
> > 2 of 2 Photo(s)
> >
> > image.png
> > <
>

http://groups.yahoo.com/group/Super_SID/attachments/folder/318108693/item/1207871780/view
> >
> > image.png
> > <
>
http://groups.yahoo.com/group/Super_SID/attachments/folder/318108693/item/1207871780/view
> >
> > image1.png
> > <
> http://groups.yahoo.com/group/Super_SID/attachments/folder/318108693/item/863723783/view
> >
> > image1.png
> > <
> http://groups.yahoo.com/group/Super_SID/attachments/folder/318108693/item/863723783/view
> >
> >
> > 1 of 1 File(s)
> >
> > current_buffers.csv
> > <
> http://d.yimg.com/kq/groups/36280421/1809149734/name/current_buffers%2Ecsv<http://d.yimg
.com/kq/groups/36280421/1809149734/name/current_buffers.csv>
> >
> >
> >
>
> --
> Nicholas Gross, Ph.D.
> co-Director for Education
> Center for Integrated Space Weather Modeling
> Astronomy Department, Boston University
> gross@... <gross%40bu.edu>
> 617-358-3245
>
>
>

50. Re: [Super_SID] Some more pictures

Yahoo group: Super_SID
Date: 2010-02-23 12:41:33 UTC
From: DIVYADARSHAN PUROHIT
Topic: 44 Message: 50

Dear Bill & Melinda Lord,
thanks a lot for very nice ,encouraging words,it will help to boost our
enthusiasm.
regards
ddpurohit
vadodara
India

On Tue, Feb 23, 2010 at 12:18 AM, WILLIAM & MELINDA LORD <
ap_guardian@...> wrote:

>
>
> DD,
> Great job with the inauguration! We love to see the enthusiasm you and
> your family have for radio astronomy and science. Keep up the good work.
>
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnskynet.com/>
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> --- On *Mon, 2/22/10, DIVYADARSHAN PUROHIT <divyadarshan63@...>*wrote:
>
>
> From: DIVYADARSHAN PUROHIT <divyadarshan63@...>
> Subject: [Super_SID] Some more pictures [15 Attachments]
> To: "radio_jove" <Radio_JOVE@yahoogroups.com>, Super_SID@yahoogroups.com
> Date: Monday, February 22, 2010, 12:15 PM
>
>
>
>
>
>
> Dear Friends,
> here with I have send some compressed pictures of function just for
> reference.Sid Observation is being started .Thanks a lot for your kind
> cooperation.
> regards
> ddpurohit
>
>
>

51. Some Notable Points of Gurudev Observatory

Yahoo group: Super_SID
Date: 2010-02-23 15:02:34 UTC
From: DIVYADARSHAN PUROHIT
Topic: 51 Message: 51

Dear Friends,

Kindly note some points from Gurudev observatory just for information & guide us if require for better prospect.

(1) We have built 6ft by 6ft antenna with help of C channel,FRP poles,each of 6 ft.length.We use another two piece of 5ft.each FRP pole for support & 2ft.each as legs of each support.At 2/3 distance from top we have put one wooden support to strengthen the structure as you can see in picture.Then we make 24.5 loop of total 400 ft.cable.Even though whole structure weights app.4 to 5 kg.with all things,so we can steer it easily to locate VLF signals.We are doing trial & error under precious guidance of William & Melinda Lord & Deborah Scherrer to have some proper observation.

(2) We are observing Radio Jove & Super Sid simultaneously with help of Two HD Sound card on same PC.

(3)We get 6 VLF station during day & night on Super Sid. These are NAA,NLK,NML,NPM,NWC & JJI. NAA shows strong & continues signals.

(4)For last six month more than 500 students per month visit our observatory.But this session will end from March due to annual exams in schools & university & will last up to July.

(5) We are using dual dipole antenna of 10feet height south north facing (i.e.cable is going east to west) & diamond shape Loop antenna for Super Sid.

(6) We observes frequent power failure due to our poor electricity board system & facing rapid change in quick mix setting during simultaneous observation of Radio Jove & Super Sid which consume our precious time daily.We are trying to overcome this problem with some PC experts.

(7)We are getting help from local scientists,professors,astronomers at every level.

(8)Print & Electronic Media is our best wisher & friends & help us forever to spread awareness of each sky events,achievements,new projects,latest space news etc.

Hope you will enjoy this ,guide us as usual & give fruitful suggestion to improve our activities.

regards & best wishes,
Divyadarshan D.Purohit & Family
Gurudev Observatory,
Vadoara
India

52. Sid Observation from India

Yahoo group: Super_SID
Date: 2010-02-23 15:20:36 UTC
From: DIVYADARSHAN PUROHIT
Topic: 52 Message: 52
Attachments: 3 described; binary payloads are missing from this source WARC

Dear Friends,
Here with two observation of our Second day contains Sunrise (23-2-10M) & Sunset (23-2-2010SS)& current buffers.I am trying to observe as maximum as possible with Radio Jove observation but mu current job schedule does not allow me.Now onwards I will send observation of each week on every Sunday.
regards
Divyadarshan D.Purohit
Gurudev Observatory,
Vadoara
India

53. VLF Station Listing

Yahoo group: Super_SID
Date: 2010-02-25 18:27:44 UTC
From: AP_GUARDIAN
Topic: 53 Message: 53

Here is a link to an updated listing of VLF stations from 11.9 kHz up to 30.0 kHz.
http://www.smeter.net/stations/vlf-stations.php

54. New Station and Antennae

Yahoo group: Super_SID
Date: 2010-02-25 19:22:36 UTC
From: whswak
Topic: 54 Message: 54

Hello all! My name is Carl Pajak and I have started up a new SID Station, WSHAK in Wasilla Alaska, USA. I have always been looking at the stars and the sun in general. Real time data gathering has always been a hobbies of mine and now that's to SID's I get to do both. I'm building and testing the system for our local high school for the new school year. I'm having some glitches with the software, but I need some base line data before I ask any questions.

As I was building the antennae, I made a couple of changes that I think my be helpful. Using the basic 6m pvc design (current cost $20.00US) this is what I came up with.

I used double sided foam mounting tape at the ends of "T" ends. This helped the winding of the antennae in a number of ways:
1. kept the loops from over lapping and held them well
2. kept the loops flat
3. allows you to stop any ware in the process
4. no cable ties needed.

I hope this is useful

55. Re: [Super_SID] VLF Station Listing

Yahoo group: Super_SID
Date: 2010-02-26 11:55:42 UTC
From: DIVYADARSHAN PUROHIT
Topic: 53 Message: 55

Thanks to Lord family for updated link to VLF stations,it will help
newcomers like me tremendously.
regards
Divydarshan D.purohit
Gurudev observatory,
Vadoara
India

On Thu, Feb 25, 2010 at 11:57 PM, AP_GUARDIAN <ap_guardian@yahoo.com> wrote:

>
>
> Here is a link to an updated listing of VLF stations from 11.9 kHz up to
> 30.0 kHz. http://www.smeter.net/stations/vlf-stations.php
>
>
>

56. Re: [Super_SID] New Station and Antennae

Yahoo group: Super_SID
Date: 2010-02-26 12:00:56 UTC
From: DIVYADARSHAN PUROHIT
Topic: 54 Message: 56

Dear Carl Pajak ,
Congratulation for new SID Station.If possible kindly send picture of you antenna design.
regards
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

On Fri, Feb 26, 2010 at 12:52 AM, whswak <pajakc@yahoo.com> wrote:

>
>
> Hello all! My name is Carl Pajak and I have started up a new SID Station,
> WSHAK in Wasilla Alaska, USA. I have always been looking at the stars and
> the sun in general. Real time data gathering has always been a hobbies of
> mine and now that's to SID's I get to do both. I'm building and testing the
> system for our local high school for the new school year. I'm having some
> glitches with the software, but I need some base line data before I ask any
> questions.
>
> As I was building the antennae, I made a couple of changes that I think my
> be helpful. Using the basic 6m pvc design (current cost $20.00US) this is
> what I came up with.
>
> I used double sided foam mounting tape at the ends of "T" ends. This helped
> the winding of the antennae in a number of ways:
> 1. kept the loops from over lapping and held them well
> 2. kept the loops flat
> 3. allows you to stop any ware in the process
> 4. no cable ties needed.
>
> I hope this is useful
>
>
>
>

57. Re: VLF Station Listing

Yahoo group: Super_SID
Date: 2010-02-26 15:39:55 UTC
From: whswak
Topic: 53 Message: 57

--- In Super_SID@yahoogroups.com, DIVYADARSHAN PUROHIT <divyadarshan63@...> wrote:
>
> Thanks to Lord family for updated link to VLF stations,it will help
> newcomers like me tremendously.
> regards
> Divydarshan D.purohit
> Gurudev observatory,
> Vadoara
> India
>
> On Thu, Feb 25, 2010 at 11:57 PM, AP_GUARDIAN <ap_guardian@...> wrote:
>
> >
> >
> > > Here is a link to an updated listing of VLF stations from 11.9 kHz up to
> > > 30.0 kHz. http://www.smeter.net/stations/vlf-stations.php
> > >
> > >
> > >
>
Thank you for the new listing! This helps a great deal! I have already identified stations (I Think?) on the new listing.

58. Baseline data question

Yahoo group: Super_SID
Date: 2010-02-26 15:46:01 UTC
From: whswak
Topic: 58 Message: 58

I have everything hooked up and started to collect base line data. Attached is a photo of my pre sunrise reception. From all the examples I have see, these values look pretty high. Any comments. see photo homepc0616.

59. Re: New Station and Antennae

Yahoo group: Super_SID
Date: 2010-02-26 16:43:45 UTC
From: whswak
Topic: 54 Message: 59

--- In Super_SID@yahoogroups.com, "whswak" <pajakc@...> wrote:
>
> Hello all! My name is Carl Pajak and I have started up a new SID Station, WSHAK in Wasilla Alaska, USA. I have always been looking at the stars and the sun in general. Real time data gathering has always been a hobbies of mine and now that's to SID's I get to do both. I'm building and testing the system for our local high school for the new school year. I'm having some glitches with the software, but I need some base line data before I ask any questions.
>
> As I was building the antennae, I made a couple of changes that I think my be helpful. Using the basic 6m pvc design (current cost $20.00US) this is what I came up with.
>
> I used double sided foam mounting tape at the ends of "T" ends. This helped the winding of the antennae in a number of ways:
> 1. kept the loops from over lapping and held them well
> 2. kept the loops flat
> 3. allows you to stop any ware in the process
> 4. no cable ties needed.
>
> I hope this is useful
>
Correction: 2m 6ft antennae design NOT 6m.... Sorry my bad.

60. Re: [Super_SID] Baseline data question

Yahoo group: Super_SID
Date: 2010-02-26 17:58:52 UTC
From: WILLIAM & MELINDA LORD
Topic: 58 Message: 60

Carl,
Your spectrum looks good. Do not worry about the number scale on the left, it just lets you measure the difference in your noise floor and the signals from the stations.

To identify the frequencies you are getting, put your mouse pointer on the top of a peak and look at bottom right on the screen. You will see what frequency it is and the strength. Check the VLF station chart and be sure you have that in the config file.

We tried to blow up the picture to see what you have configured, but the image is too blurry at the bottom.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Fri, 2/26/10, whswak <pajakc@...> wrote:

From: whswak <pajakc@...>
Subject: [Super_SID] Baseline data question
To: Super_SID@yahoogroups.com
Date: Friday, February 26, 2010, 9:46 AM

I have everything hooked up and started to collect base line data. Attached is a photo of my pre sunrise reception. From all the examples I have see, these values look pretty high. Any comments. see photo homepc0616.

61. Re: Baseline data question

Yahoo group: Super_SID
Date: 2010-02-26 20:37:44 UTC
From: whswak
Topic: 58 Message: 61

Thanks for the update. I found out that I had the antennae pointing to the strongest signal, which was local RF noise, causing no sunset/sunrise event. After a number of reorientation of the antennae plane, I could pick up a time beat signal from NAA (I think, I have lots of spikes in the area), but it is a time chirp that wasn't there before. Rotating the plane to the "quietest audio" allowed me to pick up the chirp that I could not before. I will try to get a new fix on it after sundown. I did however identified a lot of radio noise that I was picking up and now can ignore.

BTW: using some spare PVC to make some feet, I raised the loop six inches above the ground. That made a HUGH difference in the reception clarity.

Thanks for the help
Carl

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Carl,
> Your spectrum looks good.Â Do not worry about the number scale on the left, it just lets you measure the difference in your noise floor and the signals from the stations.
> Â
> To identify the frequencies you are getting, put your mouse pointer on the top of a peak and look at bottom right on the screen.Â You will see what frequency it is and the strength.Â Check the VLF station chart and be sure you have that in the config file.
> Â
> We tried to blow up the picture to see what you have configured, but the image is too blurry at the bottom.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Fri, 2/26/10, whswak <pajakc@...> wrote:
>
>
> From: whswak <pajakc@...>
> Subject: [Super_SID] Baseline data question
> To: Super_SID@yahoogroups.com
> Date: Friday, February 26, 2010, 9:46 AM
>
>
> Â
>
>

>
> I have everything hooked up and started to collect base line data. Attached is a photo of my pre sunrise reception. From all the examples I have see, these values look pretty high. Any comments. see photo homepc0616.
>

62. SuperSID problems and improvement

Yahoo group: Super_SID
Date: 2010-03-01 07:25:40 UTC
From: abrandi2000
Topic: 62 Message: 62

Hi all,

my SuperSID is running since weeks without problems but i think there could be done some improvements.

1) manual buffer save => new auto buffer save.

I would like to see a configurable timer to save the buffer.
Like:
[SaveBufferTimer]
300

every 300sek the buffer is flushed automaticle to the harddisk.

The reason is simple. If the Computer is rebooting (maybe after a update), electricity supply problems or anything else, the complete stored Data in the memory is lost.

Here we come to the next problem.

2) reloading after restart the data from saved buffer.

Lets say SuperSID was running from 00:00 to 12:00 UTC.
If i saved manual the Buffer and than stop SuperSID all current Data stored in der buffer file.
But after starting SuperSID again, it generated a new buffer file. In this buffer file all data from 00:00 to 12:00 is lost.

I would see here a big improvement, when SuperSID read the old buffer file into the memory and add the new data.

Is this possible??

regards,
Karl-Heinz

63. Re: SuperSID problems and improvement

Yahoo group: Super_SID
Date: 2010-03-01 07:46:09 UTC
From: whswak
Topic: 62 Message: 63

Great suggestions!
And maybe turn of auto scaling for noisy environments?
[auto-scaling = YES/NO

--- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@...> wrote:
>
> Hi all,
>
> my SuperSID is running since weeks without problems but i think there could be done some improvements.
>
> 1) manual buffer save => new auto buffer save.
>
> I would like to see a configurable timer to save the buffer.
> Like:
> [SaveBufferTimer]
> 300
>
> every 300sek the buffer is flushed automaticle to the harddisk.
>
> The reason is simple. If the Computer is rebooting (maybe after a update), electricity supply problems or anything else, the complete stored Data in the memory is lost.
>
> Here we come to the next problem.
>
> 2) reloading after restart the data from saved buffer.
>
> Lets say SuperSID was running from 00:00 to 12:00 UTC.
> If i saved manual the Buffer and than stop SuperSID all current Data stored in der buffer file.
> But after starting SuperSID again, it generated a new buffer file. In this buffer file all data from 00:00 to 12:00 is lost.
>
> I would see here a big improvement, when SuperSID read the old buffer file into the memory and add the new data.
>
> Is this possible??
>
> regards,
> Karl-Heinz
>

64. Chile Disaster

Yahoo group: Super_SID
Date: 2010-03-01 18:01:19 UTC
From: DIVYADARSHAN PUROHIT
Topic: 64 Message: 64

*Dear Friends,
We all are with people of Chile in this disaster.I have seen one in Bhuj-Gujarat,India,when I was there with rescue team of world famous NGO ,All world Gayatri Pariwar(**www.awgp.org* <http://www.awgp.org/>*) to whom I am a follower.I know the danger of Earth quack & problems after the disaster.We here pray almighty Goddess GayatriMata & The Sun to shower their blessings on Chile & whole USA & our world so they can come out from this situation as early as possible.Kindly call me for any kind of relative help.
regards
Divyadarshan D.Purohit & Family & Gayatri Pariwar*

65. SuperSID Software

Yahoo group: Super_SID
Date: 2010-03-03 15:45:07 UTC
From: whswak
Topic: 65 Message: 65

Good morning all,

I'm starting to get good data after some antennae adjustments, but I have a question on the data logging software. Does "File/Save Buffer" overwrite the data file for that 24 hour period? I have been running the software for 48hours straight, but I have large gaps in the data. This is the only thing I can track the loss to.

Carl
Wasilla, Alaska
USA

66. Re: [Super_SID] SuperSID Software

Yahoo group: Super_SID
Date: 2010-03-03 17:35:30 UTC
From: WILLIAM & MELINDA LORD
Topic: 65 Message: 66

Carl,
The program will save files for 24 hours (UCT time) for the stations you have in the config file. Are you going to Plot, and then selecting a file that should have 24 hours of data?

You can send us a data file and your config file and we will look to see what is going on.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 3/3/10, whswak <pajakc@...> wrote:

From: whswak <pajakc@...>
Subject: [Super_SID] SuperSID Software
To: Super_SID@yahoogroups.com
Date: Wednesday, March 3, 2010, 9:45 AM

Good morning all,

I'm starting to get good data after some antennae adjustments, but I have a question on the data logging software. Does "File/Save Buffer" overwrite the data file for that 24 hour period? I have been running the software for 48hours straight, but I have large gaps in the data. This is the only thing I can track the loss to.

Carl
Wasilla, Alaska
USA

67. Women,the power of Universe

Yahoo group: Super_SID
Date: 2010-03-04 14:54:28 UTC
From: DIVYADARSHAN PUROHIT
Topic: 67 Message: 67

Dear Friends,

Best wishes for international women day.

Woman is mother of universe,earth & all creature.Giving her respect,use her capability,give her opportunity etc.are our moral duty.Man & woman are two wheels of life cycle ,so both are important,only one wheel i.e.man is not enough.In form of Mother,Wife,Sister & Daughter she feed us,she is eternal light of our future path.

We believe that *"yatra naryastu pujayante ramante tatra devata*"(Vedic Chant in Sanskrit) Means divine energy-knowledge is there where respect for women is.

regards,

Divyadarshan D.Purohit & Family,
Gurudev Observatory,
Vadodara
India

68. Re: SuperSID Software

Yahoo group: Super_SID
Date: 2010-03-04 19:44:58 UTC
From: whswak
Topic: 65 Message: 68

Her is the data files requested. In NAA_2010_03_02 I have 24hr of null data for 03.03.2010, should that happen. For me it's no issue, but I'm trying to set up procedures for high school students and I would like to make it as easy as possible.

Thanks for all your help.
Carl

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Carl,
> The program will save files for 24 hours (UCT time)Â for the stations you have in the config file.Â Are you going to Plot, and then selecting a file that should have 24 hours of data?
> Â
> You can send us a data file and your config file and we will look to see what is going on.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Wed, 3/3/10, whswak <pajakc@...> wrote:
>
>
> From: whswak <pajakc@...>
> Subject: [Super_SID] SuperSID Software
> To: Super_SID@yahoogroups.com
> Date: Wednesday, March 3, 2010, 9:45 AM
>
>
> Â
>
>
>
> Good morning all,
>
> I'm starting to get good data after some antennae adjustments, but I have a question on the data logging software. Does "File/Save Buffer" overwrite the data file for that 24 hour period? I have been running the software for 48hours straight, but I have large gaps in the data. This is the only thing I can track the loss to.
>
> Carl

> Wasilla, Alaska
> USA
>

69. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2010-03-04 19:44:01 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 69

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /WHSAK_NAA_2010-03-02.csv
Uploaded by : whswak <pajakc@...>
Description : Data for 03_02_2010 NAA

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/WHSAK_NAA_2010-03-02.csv

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

whswak <pajakc@...>

70. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2010-03-04 19:44:44 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 70

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /supersid.cfg
Uploaded by : whswak <pajakc@...>
Description : WHSWAK config file

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/supersid.cfg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

whswak <pajakc@...>

71. Re: [Super_SID] Re: SuperSID Software

Yahoo group: Super_SID
Date: 2010-03-05 01:17:22 UTC
From: WILLIAM & MELINDA LORD
Topic: 65 Message: 71

Carl,
"Save Buffer" should not overwrite or erase the data you have.

In the Config file, change your log_interval back to 5. Since you changed the log_interval to 10, the program still saves 17280 readings which makes it look like you have null data. It just can not make the corrections to save one-half as many readings.

We know you identifed frequencies from the spectrum chart. You can change the config file to save only those stations that gave a good signal. SuperSID will save a file every day for each station in the config file.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Thu, 3/4/10, whswak <pajakc@...> wrote:

From: whswak <pajakc@...>
Subject: [Super_SID] Re: SuperSID Software
To: Super_SID@yahoogroups.com
Date: Thursday, March 4, 2010, 1:44 PM

Her is the data files requested. In NAA_2010_03_ 02 I have 24hr of null data for 03.03.2010, should that happen. For me it's no issue, but I'm trying to set up procedures for high school students and I would like to make it as easy as possible.

Thanks for all your help.
Carl

--- In Super_SID@yahoogrou ps.com, WILLIAM & MELINDA LORD <ap_guardian@ ...> wrote:
>
> Carl,
> The program will save files for 24 hours (UCT time)Â for the stations you have in the config file.Â Are you going to Plot, and then selecting a file that should have 24 hours of data?
> Â
> You can send us a data file and your config file and we will look to see what is going on.
>
> Bill & Melinda Lord
> www.tnSkyNet. com
> www.radio-astronomy .org
>
> Light travels faster than sound. This is why some people appear bright until you hear

them speak. :-)
>
> --- On Wed, 3/3/10, whswak <pajakc@...> wrote:
>
>
> From: whswak <pajakc@...>
> Subject: [Super_SID] SuperSID Software
> To: Super_SID@yahoogrou ps.com
> Date: Wednesday, March 3, 2010, 9:45 AM
>
>
> Â
>
>
>
> Good morning all,
>
> I'm starting to get good data after some antennae adjustments, but I have a question on the data logging software. Does "File/Save Buffer" overwrite the data file for that 24 hour period? I have been running the software for 48hours straight, but I have large gaps in the data. This is the only thing I can track the loss to.
>
> Carl
> Wasilla, Alaska
> USA
>

72. Re: SuperSID Software

Yahoo group: Super_SID
Date: 2010-03-05 21:35:27 UTC
From: whswak
Topic: 65 Message: 72

Thank you, I don't know how I missed the log_interval perimeter. That's what a second set of eyes will do, spot the missed mistakes. I was logging all the stations just for data collection procedures. When the high school "goes online" it will be just a few.

BTW, what is the "Optimum" number of stations for the SID's database, I was thinking two of the best receiving stations? What is your recommendations.

Also, are there any other SID programs in Alaska that I could have the students collaborate with? Your SID map is a little out of date. It lists the last update in 2008.

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
>
> Carl,
> "Save Buffer" should not overwrite or erase the data you have.Â
> Â
> In the Config file, change your log_interval back to 5.Â Â Since you changed the log_interval to 10, the programÂ still saves 17280 readingsÂ which makes it look like you have null data.Â It justÂ can not make the corrections to save one-half as many readings.Â
> Â
> Â We know you identifed frequencies from the spectrum chart.Â You can change the config file to save only those stations that gave a good signal.Â SuperSID will save a file every day for each station in the config file.
> Â
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Thu, 3/4/10, whswak <pajakc@...> wrote:
>
>
> From: whswak <pajakc@...>
> Subject: [Super_SID] Re: SuperSID Software
> To: Super_SID@yahoogroups.com
> Date: Thursday, March 4, 2010, 1:44 PM
>
>
> Â
>
>
>
> Her is the data files requested. In NAA_2010_03_ 02 I have 24hr of null data for 03.03.2010, should that happen. For me it's no issue, but I'm trying to set up procedures for high school students and I would like to make it as easy as possible.

>
> Thanks for all your help.
> Carl
>
> --- In Super_SID@yahoogrou ps.com, WILLIAM & MELINDA LORD <ap_guardian@ ...> wrote:
> >
> > Carl,
> > The program will save files for 24 hours (UCT time)ÃÂ for the stations you have in the config file.ÃÂ Are you going to Plot, and then selecting a file that should have 24 hours of data?
> > ÃÂ
> > You can send us a data file and your config file and we will look to see what is going on.
> >
> > Bill & Melinda Lord
> > www.tnSkyNet. com
> > www.radio-astronomy .org
> >
> > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> >
> > --- On Wed, 3/3/10, whswak <pajakc@> wrote:
> >
> >
> > From: whswak <pajakc@>
> > Subject: [Super_SID] SuperSID Software
> > To: Super_SID@yahoogrou ps.com
> > Date: Wednesday, March 3, 2010, 9:45 AM
> >
> >
> > ÃÂ
> >
> >
> >
> > Good morning all,
> >
> > I'm starting to get good data after some antennae adjustments, but I have a question on the data logging software. Does "File/Save Buffer" overwrite the data file for that 24 hour period? I have been running the software for 48hours straight, but I have large gaps in the data. This is the only thing I can track the loss to.
> >
> > Carl
> > Wasilla, Alaska
> > USA
> >
>

73. Re: [Super_SID] Re: SuperSID Software

Yahoo group: Super_SID
Date: 2010-03-05 23:14:41 UTC
From: WILLIAM & MELINDA LORD
Topic: 65 Message: 73

Carl,
There is no optimum number of stations other than picking ones that you get a consistent and good signal. So that can be two or six or any number in between. There is no sense wasting hard drive space saving files that are junk, so collect and look at the data and if you can identify sunrise/sunset signature, you have a signal that will let you see disturbances.

Whitman Reeve is in Ancorage and Jim Thomasson is in Alberta, Canada. Those are the two with SuperSID closest to you. Both are on this e-list.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Fri, 3/5/10, whswak <pajakc@yahoo.com> wrote:

From: whswak <pajakc@...>
Subject: [Super_SID] Re: SuperSID Software
To: Super_SID@yahoogroups.com
Date: Friday, March 5, 2010, 3:35 PM

Thank you, I don't know how I missed the log_interval perimeter. That's what a second set of eyes will do, spot the missed mistakes. I was logging all the stations just for data collection procedures. When the high school "goes online" it will be just a few.

BTW, what is the "Optimum" number of stations for the SID's database, I was thinking two of the best receiving stations? What is your recommendations.

Also, are there any other SID programs in Alaska that I could have the students collaborate with? Your SID map is a little out of date. It lists the last update in 2008.

--- In Super_SID@yahoogrou ps.com, WILLIAM & MELINDA LORD <ap_guardian@ ...> wrote:
>
>
> Carl,
> "Save Buffer" should not overwrite or erase the data you have.Â
> Â
> In the Config file, change your log_interval back to 5.Â Â Since you changed the log_interval to 10, the programÂ still saves 17280 readingsÂ which makes it look like you have null data.Â It justÂ can not make the corrections to save one-half as many readings.Â
> Â
> Â We know you identifed frequencies from the spectrum chart.Â You can change the config file to save only those stations that gave a good signal.Â SuperSID will save a file every

day for each station in the config file.
> Â
> Bill & Melinda Lord
> www.tnSkyNet. com
> www.radio-astronomy .org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Thu, 3/4/10, whswak <pajakc@...> wrote:
>
>
> From: whswak <pajakc@...>
> Subject: [Super_SID] Re: SuperSID Software
> To: Super_SID@yahoogrou ps.com
> Date: Thursday, March 4, 2010, 1:44 PM
>
>
> Â
>
>
>
> Her is the data files requested. In NAA_2010_03_ 02 I have 24hr of null data for 03.03.2010, should that happen. For me it's no issue, but I'm trying to set up procedures for high school students and I would like to make it as easy as possible.
>
> Thanks for all your help.
> Carl
>
> --- In Super_SID@yahoogrou ps.com, WILLIAM & MELINDA LORD <ap_guardian@ ...> wrote:
> >
> > Carl,
> > The program will save files for 24 hours (UCT time)Ã,Â for the stations you have in the config file.Ã,Â Are you going to Plot, and then selecting a file that should have 24 hours of data?
> > Ã,Â
> > You can send us a data file and your config file and we will look to see what is going on.
> >
> > Bill & Melinda Lord
> > www.tnSkyNet. com
> > www.radio-astronomy .org
> >
> > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> >
> > --- On Wed, 3/3/10, whswak <pajakc@> wrote:
> >
> >
> > From: whswak <pajakc@>
> > Subject: [Super_SID] SuperSID Software

> > To: Super_SID@yahoogrou ps.com
> > Date: Wednesday, March 3, 2010, 9:45 AM
> >
> >
> > Ã‚Â
> >
> >
> >
> > Good morning all,
> >
> > I'm starting to get good data after some antennae adjustments, but I have a question on the data logging software. Does "File/Save Buffer" overwrite the data file for that 24 hour period? I have been running the software for 48hours straight, but I have large gaps in the data. This is the only thing I can track the loss to.
> >
> > Carl
> > Wasilla, Alaska
> > USA
> >
>

74. FYI laptops/Notebboks

Yahoo group: Super_SID
Date: 2010-03-05 23:27:39 UTC
From: whswak
Topic: 74 Message: 74

Hello all,

After a number of days testing (and guidance) I have found some items of interest concerning laptops/notebooks using SIDS.

1: If the laptop/notebook has an external mic, ie on the lift top panel, SID's WILL NOT WORK.

2: Regardless on how you configure Mic/Line-In setting, hardware will still tap the external Mic, generating "noise".

3: Even if the laptop/notebook has a separate Mic/Line-In port, 95% of all laptop/notebook use the same HARDWARE. ie. you can't separate the two.

4: Even if the laptop/notebook has an HD rated audio card/hardware, the external mic will force the hardware down to 24Khz-48Khz.

5: Most external Laptop/Notebook power supplies (ie. A/C transformers) generate a HUGH amount of VLF noise, "swamping out" any 12Khz-22Khz signals.

Summery:
I have tested two laptops (Toshiba CT390, HP1200) and one notebook (ACER One D250). The HP and the ACER has both HD rated audio, yet the best I could get is a noisy 48Khz with resolution only to 24Khz (human hearing?) even though 96Khz data streams run fine. I have tried Windows "Test Hardware" in eight different configurations on all three devices, and this is the best I got. Compering with a dedicated PC with a Hardware card/system board HD audio, the problem is straight forward.

The External Mic and Line-In hardware are shared (and in the ACER, "Hardware Properties" shows this)and non-separable. SID should not be run on ANY device that has a "built in" mic. For, regardless of any hardware "inputs", it will share the mic input. For anyone wishing to use a "not often used" laptop or notebook, it just wont work.

I this info/FYI is mostly for the education field starting or looking into starting SID's.

Thank you for your time, and understanding.
Carl Pajak
Wasilla High School
Wasilla, Alaska
USA
North America
Earth
SOL System
Lesser Sagittarius Arm
Milky Way Galaxy
Local Group

...now that, is an address

75. Re: SuperSID Software

Yahoo group: Super_SID
Date: 2010-03-05 23:30:55 UTC
From: whswak
Topic: 65 Message: 75

Thank you for the info. And thank you for the SID monitors I can contact.

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Carl,
> There is no optimum number of stations other than picking ones that you get a consistent and good signal.Â So that can be two or six or any number in between.Â There is no sense wasting hard drive space saving files that are junk, so collect and look at the data and if you can identify sunrise/sunset signature, you have a signal that will let you see disturbances.
> Â
> Whitman Reeve is in Ancorage and Jim Thomasson is in Alberta, Canada.Â Those are the two with SuperSID closest to you.Â Both are on this e-list.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Fri, 3/5/10, whswak <pajakc@...> wrote:
>
>
> From: whswak <pajakc@...>
> Subject: [Super_SID] Re: SuperSID Software
> To: Super_SID@yahoogroups.com
> Date: Friday, March 5, 2010, 3:35 PM
>
>
> Â
>
>
>
> Thank you, I don't know how I missed the log_interval perimeter. That's what a second set of eyes will do, spot the missed mistakes. I was logging all the stations just for data collection procedures. When the high school "goes online" it will be just a few.
>
> BTW, what is the "Optimum" number of stations for the SID's database, I was thinking two of the best receiving stations? What is your recommendations.
>
> Also, are there any other SID programs in Alaska that I could have the students collaborate with? Your SID map is a little out of date. It lists the last update in 2008.
>
> --- In Super_SID@yahoogrou ps.com, WILLIAM & MELINDA LORD <ap_guardian@ ...> wrote:
> >

> >
> > Carl,
> > "Save Buffer" should not overwrite or erase the data you have.Ã□Â
> > Ã□Â
> > In the Config file, change your log_interval back to 5.Ã□Â Ã□Â Since you changed the log_interval to 10, the programÃ□Â still saves 17280 readingsÃ□Â which makes it look like you have null data.Ã□Â It justÃ□Â can not make the corrections to save one-half as many readings.Ã□Â
> > Ã□Â
> > Ã□Â We know you identifed frequencies from the spectrum chart.Ã□Â You can change the config file to save only those stations that gave a good signal.Ã□Â SuperSID will save a file every day for each station in the config file.
> > Ã□Â
> > Bill & Melinda Lord
> > www.tnSkyNet. com
> > www.radio-astronomy .org
> >
> > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> >
> > --- On Thu, 3/4/10, whswak <pajakc@> wrote:
> >
> >
> > From: whswak <pajakc@>
> > Subject: [Super_SID] Re: SuperSID Software
> > To: Super_SID@yahoogrou ps.com
> > Date: Thursday, March 4, 2010, 1:44 PM
> >
> >
> > Ã□Â
> >
> >
> >
> > Her is the data files requested. In NAA_2010_03_ 02 I have 24hr of null data for 03.03.2010, should that happen. For me it's no issue, but I'm trying to set up procedures for high school students and I would like to make it as easy as possible.
> >
> > Thanks for all your help.
> > Carl
> >
> > --- In Super_SID@yahoogrou ps.com, WILLIAM & MELINDA LORD <ap_guardian@ ...> wrote:
> > >
> > > Carl,
> > > The program will save files for 24 hours (UCT time)Ã□â□□Ã□Â for the stations you have in the config file.Ã□â□□Ã□Â Are you going to Plot, and then selecting a file that should have 24 hours of data?
> > > Ã□â□□Ã□Â
> > > You can send us a data file and your config file and we will look to see what is going on.
> > >
> > > Bill & Melinda Lord
> > > www.tnSkyNet. com
> > > www.radio-astronomy .org
> > >

> > > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> > >
> > > --- On Wed, 3/3/10, whswak <pajakc@> wrote:
> > >
> > >
> > > From: whswak <pajakc@>
> > > Subject: [Super_SID] SuperSID Software
> > > To: Super_SID@yahoogrou ps.com
> > > Date: Wednesday, March 3, 2010, 9:45 AM
> > >
> > >
> > > Ã□â□□Ã□Â
> > >
> > >
> > >
> > > Good morning all,
> > >
> > > I'm starting to get good data after some antennae adjustments, but I have a question on the data logging software. Does "File/Save Buffer" overwrite the data file for that 24 hour period? I have been running the software for 48hours straight, but I have large gaps in the data. This is the only thing I can track the loss to.
> > >
> > > Carl
> > > Wasilla, Alaska
> > > USA
> > >
> >
>

76. Re: [Super_SID] FYI laptops/Notebboks

Yahoo group: Super_SID
Date: 2010-03-06 00:56:12 UTC
From: WILLIAM & MELINDA LORD
Topic: 74 Message: 76

You can use a laptop with an external sound card. The trick is finding an external that will record at 96 kHz. Sound Blaster had a model S80490 that worked, but best we can tell these units have been discontinued.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Fri, 3/5/10, whswak <pajakc@...> wrote:

From: whswak <pajakc@...>
Subject: [Super_SID] FYI laptops/Notebboks
To: Super_SID@yahoogroups.com
Date: Friday, March 5, 2010, 5:27 PM

Hello all,

After a number of days testing (and guidance) I have found some items of interest concerning laptops/notebooks using SIDS.

1: If the laptop/notebook has an external mic, ie on the lift top panel, SID's WILL NOT WORK.

2: Regardless on how you configure Mic/Line-In setting, hardware will still tap the external Mic, generating "noise".

3: Even if the laptop/notebook has a separate Mic/Line-In port, 95% of all laptop/notebook use the same HARDWARE. ie. you can't separate the two.

4: Even if the laptop/notebook has an HD rated audio card/hardware, the external mic will force the hardware down to 24Khz-48Khz.

5: Most external Laptop/Notebook power supplies (ie. A/C transformers) generate a HUGH amount of VLF noise, "swamping out" any 12Khz-22Khz signals.

Summery:
I have tested two laptops (Toshiba CT390, HP1200) and one notebook (ACER One D250). The HP and the ACER has both HD rated audio, yet the best I could get is a noisy 48Khz with resolution only to 24Khz (human hearing?) even though 96Khz data streams run fine. I have tried Windows "Test Hardware" in eight different configurations on all three devices, and this is the best I got. Compering with a dedicated PC with a Hardware card/system board HD audio, the problem is straight forward.

The External Mic and Line-In hardware are shared (and in the ACER, "Hardware Properties" shows this)and non-separable. SID should not be run on ANY device that has a "built in"

mic. For, regardless of any hardware "inputs", it will share the mic input. For anyone wishing to use a "not often used" laptop or notebook, it just wont work.

I this info/FYI is mostly for the education field starting or looking into starting SID's.

Thank you for your time, and understanding.
Carl Pajak
Wasilla High School
Wasilla, Alaska
USA
North America
Earth
SOL System
Lesser Sagittarius Arm
Milky Way Galaxy
Local Group

...now that, is an address

77. Re: FYI laptops/Notebboks

Yahoo group: Super_SID
Date: 2010-03-06 02:33:51 UTC
From: Dan
Topic: 74 Message: 77

Hi Carl

I have an HP laptop with mic and they will work, really better than my desktop for some reason. You will need to got to control panel, sound, select recording or mic then property or configure. There are sound enhancements and maybe dB adjustments there, I used 20dB gain 30dB was to much. I was concerned that it wouldn't work also but it does for this HP Vista laptop. If I can help in anyway, I certainly will.

Dan Adams

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> You can use a laptop with an external sound card.Â The trick is finding an external that will record at 96 kHz.Â Sound Blaster had a model S80490 that worked, but best we can tell these units have been discontinued.
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> Bill & Melinda Lord
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>
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>
>
> From: whswak <pajakc@...>
> Subject: [Super_SID] FYI laptops/Notebboks
> To: Super_SID@yahoogroups.com
> Date: Friday, March 5, 2010, 5:27 PM
>
>
> Â
>
>
>
> Hello all,
>
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> 1: If the laptop/notebook has an external mic, ie on the lift top panel, SID's WILL NOT WORK.
>
> 2: Regardless on how you configure Mic/Line-In setting, hardware will still tap the external Mic, generating "noise".

>
> 3: Even if the laptop/notebook has a separate Mic/Line-In port, 95% of all laptop/notebook use the same HARDWARE. ie. you can't separate the two.
>
> 4: Even if the laptop/notebook has an HD rated audio card/hardware, the external mic will force the hardware down to 24Khz-48Khz.
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> I have tested two laptops (Toshiba CT390, HP1200) and one notebook (ACER One D250). The HP and the ACER has both HD rated audio, yet the best I could get is a noisy 48Khz with resolution only to 24Khz (human hearing?) even though 96Khz data streams run fine. I have tried Windows "Test Hardware" in eight different configurations on all three devices, and this is the best I got. Compering with a dedicated PC with a Hardware card/system board HD audio, the problem is straight forward.
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>
> I this info/FYI is mostly for the education field starting or looking into starting SID's.
>
> Thank you for your time, and understanding.
> Carl Pajak
> Wasilla High School
> Wasilla, Alaska
> USA
> North America
> Earth
> SOL System
> Lesser Sagittarius Arm
> Milky Way Galaxy
> Local Group
>
> ...now that, is an address
>

78. Photo added

Yahoo group: Super_SID
Date: 2010-03-06 12:51:02 UTC
From: Dan
Topic: 78 Message: 78

I have added a photo (Album Dan S-009) of Feb 6 occurence for review and comment. Hopefully its not all noise.

79. Re: [Super_SID] Photo added

Yahoo group: Super_SID
Date: 2010-03-06 15:41:35 UTC
From: WILLIAM & MELINDA LORD
Topic: 78 Message: 79

Dan,

Several places to look for correllation. The Stanford data for 2/6/10 http://sid.stanford.edu/database-browser/browse.jsp?date=2010-02-06T00.00.00 You will see several users that got similiar signals.

Look at pages 38-40 in the Sid Manual for how to look at the GOES data for that day. http://www.swpc.noaa.gov/ftpdir/indices/events/20100206events.txt Looking at the G14 it appears you detected flares. The SID manual explains how to read the chart. It also has a link to look at the current GOES graph collecting data in real time.

Be sure to go into your config file and change
automatic_upload = noto YES since you seem to be getting a good signal.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sat, 3/6/10, Dan <dandee7@...> wrote:

From: Dan <dandee7@...>
Subject: [Super_SID] Photo added
To: Super_SID@yahoogroups.com
Date: Saturday, March 6, 2010, 6:51 AM

I have added a photo (Album Dan S-009) of Feb 6 occurence for review and comment. Hopefully its not all noise.

80. RadioJove On A.I.R.

Yahoo group: Super_SID
Date: 2010-03-06 15:58:34 UTC
From: DIVYADARSHAN PUROHIT
Topic: 80 Message: 80
Attachments: 2 described; binary payloads are missing from this source WARC

Dear Friends,
I have send two attachment here is with this.
**
(1)First is a JPEG image of Invitation Card for Super SID inauguration function.Actually function is over before 15days.But unfortunately a card which I have send to all of you was not readable due to some malfunction.So I have resend the same just for your kind information.
**
(2)All India Radio (A.I.R.) is the official radio service of Government of India.You all will be pleased to know that on behalf of President of India,AIR headquarter based at New Delhi singed a contract with me for six months to telecast/broadcast my talk show on "Research on Radio Waves from Jupiter"(Brihaspati se prapt radio tarango ka adhyayan) in Indian National Language Hindi.This will be broad casted from all AIR stations of all over India as well as reach overseas with help of DTH.To speak on AIR is to be believe an achievement for speaker/researcher in India.
**
This is the achievement of not only my self but SARA,NASA,my friends William & Melinda Lord,Dr. Victor, Dr.Jim Thieman,my brilliant friends of Radio Jove group from all over world because without help of you this would not be possible.
**
Hope this will help to spread radio astronomy ,radio Jove in India .
**
regards
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
**

81. Re: [Super_SID] RadioJove On A.I.R. [2 Attachments]

Yahoo group: Super_SID
Date: 2010-03-07 01:15:42 UTC
From: WILLIAM & MELINDA LORD
Topic: 80 Message: 81

DD,

Wonderful news! Congratulations on this great honor of broadcasting your show. Radio astronomy will surely gain popularity with the promotion you are doing.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sat, 3/6/10, DIVYADARSHAN PUROHIT <divyadarshan63@...> wrote:

From: DIVYADARSHAN PUROHIT <divyadarshan63@...>
Subject: [Super_SID] RadioJove On A.I.R. [2 Attachments]
To: "WILLIAM & MELINDA LORD" <ap_guardian@...>, "Victor Herrero" <hubbleed@...>, "Jim Thieman" <james.r.thieman@...>, "Jim Sky" <radiosky@...>, "Chuck Higgins" <chiggins@...>, "radio_jove" <Radio_JOVE@yahoogroups.com>, radiojove@..., sid@sun.stanford.edu, Super_SID@yahoogroups.com, "Deborah Scherrer" <dscherrer@solar.stanford.edu>, "Wesley Greenman" <greenman@...>, "Thomas Ashcraft" <ashcraft@...>, "Dave Typinski" <davetyp@...>, "Kevin Brown [Practical Astronomy Magazine]" <news@...>, editor@..., drseti@..., "Dr. Pranav Pandya" <pranav.pandya@...>, vc@..., raju.vaishnaw@...
Date: Saturday, March 6, 2010, 9:58 AM

[Attachment(s) from DIVYADARSHAN PUROHIT included below]

Dear Friends,
I have send two attachment here is with this.

(1)First is a JPEG image of Invitation Card for Super SID inauguration function.Actually function is over before 15days.But unfortunately a card which I have send to all of you was not readable due to some malfunction. So I have resend the same just for your kind information.

(2)All India Radio (A.I.R.) is the official radio service of Government of India.You all will be pleased to know that on behalf of President of India,AIR headquarter based at New Delhi singed a contract with me for six months to telecast/broadcast my talk show on "Research on Radio Waves from Jupiter"(Brihaspati se prapt radio tarango ka adhyayan) in Indian National Language Hindi.This will be broad casted from all AIR stations of all over India as well as reach overseas with help of DTH.To speak on AIR is to be believe an achievement for speaker/researcher in India.

This is the achievement of not only my self but SARA,NASA,my friends William & Melinda Lord,Dr. Victor, Dr.Jim Thieman,my brilliant friends of Radio Jove group from all over world because without help of you this would not be possible.

Hope this will help to spread radio astronomy ,radio Jove in India .

regards
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

82. Re: [Super_SID] RadioJove On A.I.R.

Yahoo group: Super_SID
Date: 2010-03-07 06:29:17 UTC
From: DIVYADARSHAN PUROHIT
Topic: 80 Message: 82

Dear William & Melinda Lord,

I am grateful for your nice encouraging words.This honor was due to collective effort & priceless help from all of you,otherwise as alone I am Zero.I am sure that our collective effort will lead Radio astronomy to the lowest person of our society,new generation.People will be forced to think for whole universe ,to come out from limited circle.
Please always be with us as usual.
best regards
Divyadarshan D.Purohit
Vadodara
India

On Sun, Mar 7, 2010 at 6:45 AM, WILLIAM & MELINDA LORD <
ap_guardian@...> wrote:

>
>
> DD,
>
> Wonderful news! Congratulations on this great honor of broadcasting your
> show. Radio astronomy will surely gain popularity with the promotion you
> are doing.
>
>
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnskynet.com/>
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> --- On *Sat, 3/6/10, DIVYADARSHAN PUROHIT <divyadarshan63@...>*wrote:
>
>
> From: DIVYADARSHAN PUROHIT <divyadarshan63@...>
> Subject: [Super_SID] RadioJove On A.I.R. [2 Attachments]
> To: "WILLIAM & MELINDA LORD" <ap_guardian@...>, "Victor Herrero" <
> hubbleed@...>, "Jim Thieman" <james.r.thieman@...>, "Jim Sky" <
> radiosky@...>, "Chuck Higgins" <chiggins@...>, "radio_jove"
> <Radio_JOVE@yahoogroups.com>, radiojove@....gov,
> sid@..., Super_SID@yahoogroups.com, "Deborah Scherrer" <
> dscherrer@...>, "Wesley Greenman" <greenman@...>,
> "Thomas Ashcraft" <ashcraft@...>, "Dave Typinski" <
> davetyp@...>, "Kevin Brown [Practical Astronomy Magazine]" <
> news@practicalastronomy.com>, editor@...,

> drseti@..., "Dr. Pranav Pandya" <pranav.pandya@...>,
> vc@..., raju.vaishnaw@...
> Date: Saturday, March 6, 2010, 9:58 AM
>
>
>
> *Dear Friends,*
> *I have send two attachment here is with this.*
> **
> *(1)First is a JPEG image of Invitation Card for Super SID inauguration
> function.Actually function is over before 15days.But unfortunately a card
> which I have send to all of you was not readable due to some malfunction. So
> I have resend the same just for your kind information.*
> **
> *(2)All India Radio (A.I.R.) is the official radio service of Government
> of India.You all will be pleased to know that on behalf of President of
> India,AIR headquarter based at New Delhi singed a contract with me for six
> months to telecast/broadcast my talk show on "Research on Radio Waves from
> Jupiter"(Brihaspati se prapt radio tarango ka adhyayan) in Indian National
> Language Hindi.This will be broad casted from all AIR stations of all over
> India as well as reach overseas with help of DTH.To speak on AIR is to be
> believe an achievement for speaker/researcher in India.*
> **
> *This is the achievement of not only my self but SARA,NASA,my friends
> William & Melinda Lord,Dr. Victor, Dr.Jim Thieman,my brilliant friends of
> Radio Jove group from all over world because without help of you this would
> not be possible.*
> **
> *Hope this will help to spread radio astronomy ,radio Jove in India .*
> **
> *regards*
> *Divyadarshan D.Purohit*
> *Gurudev Observatory,*
> *Vadodara*
> *India*
> **
>
>
>

83. 14.03.2010 12:00 UTC B7.9 SID

Yahoo group: Super_SID
Date: 2010-03-14 18:29:51 UTC
From: abrandi2000
Topic: 83 Message: 83

Hi all,

today we got a nice B7.9 Flare on Sun. You should check your SuperSID.
Look at my ERAC DARO Photoalbum with B7.9 SID picture.

Regards
Karl-Heinz

84. Practical astronomy magazine

Yahoo group: Super_SID
Date: 2010-03-25 15:42:01 UTC
From: DIVYADARSHAN PUROHIT
Topic: 84 Message: 84

Dear Friends,
Practical astronomy is one of the best e magazine on astronomy,edited by my friend Kevin.Magazine contains various aspects,events,articles,pictures,research papers every time.It is available online free of cost.I have send the link of the latest issue of it which contains News & article on "Radio Jove & Super Sid in India"with so many another important things.Hope you all will enjoy it.
Link is here...

http://practicalastronomy.com/

Best Regards
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

85. A test

Yahoo group: Super_SID
Date: 2010-03-29 20:01:04 UTC
From: Marcus D. Leech
Topic: 85 Message: 85

Is this thing on?

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

86. NAA station status today?

Yahoo group: Super_SID
Date: 2010-03-29 19:48:17 UTC
From: Marcus D. Leech
Topic: 86 Message: 86

Has anyone else noticed that NAA went away around 06:00 EST?

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

87. Re: [Super_SID] NAA station status today?

Yahoo group: Super_SID
Date: 2010-03-29 23:40:28 UTC
From: JGAVELLONE@aol.com
Topic: 86 Message: 87

Moore Observatory VLF Monitor for GRB and Solar Flares
(http://moondog.astro.louisville.edu/)

In a message dated 3/29/2010 5:33:24 P.M. Eastern Daylight Time,
mleech@... writes:

Has anyone else noticed that NAA went away around 06:00 EST?
MARCUS:
See above link.
Also check Stanford Solar Center plots.
John Avellone

88. Antenna idea

Yahoo group: Super_SID
Date: 2010-03-30 06:25:27 UTC
From: astronomer45
Topic: 88 Message: 88

In discussing how to build an antenna for my SuperSID, my wife Sandra came up with a great idea. She suggested that I mount 6 or 8 hooks in a hexagonal or octagonal pattern in the ceiling of the room where I plan to keep the antenna, then wind the antenna wire around the hooks instead of building a frame as such. This would allow me to build a 2-meter diameter loop antenna rather than the 1-meter antenna that I had planned on due to space limitations, and would get the antenna up on the ceiling, out of the way. (Note that I do need to keep the antenna indoors.)

My concern is that since I don't know much about radio wave propagation and directionality, I don't know whether an antenna mounted in this manner (horizontal to the earth) would get good reception. I would also be unable to try different antenna orientations to see what worked best.

Perhaps you have tried this or some variation on the theme and have some comments for me?

Thanks,
Paul Carter

89. Re: NAA station status today?

Yahoo group: Super_SID
Date: 2010-03-30 08:38:17 UTC
From: abrandi2000
Topic: 86 Message: 89

Hello Markus,

from my Live page i see NAA went down from 03:00 - 04:00 UTC

http://www.radio-astronomie.de/ra/qrg_24k0.jpg

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> Has anyone else noticed that NAA went away around 06:00 EST?
>
> --
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

90. NAA recording for the last 36 hours or so

Yahoo group: Super_SID
Date: 2010-03-30 16:09:37 UTC
From: Marcus D. Leech
Topic: 90 Message: 90

http://www.sbrac.org/files/naa.png

Note the "Monday shutdown", and the nightly shutdown.

The sunset/sunrise "bounce" is also clearly evident. As is a *lot* of
impulse noise.

I had an impulse-noise remover that worked really-well, except that the
"shutdown" periods confuse it
terribly.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

91. Re: [Super_SID] Antenna idea

Yahoo group: Super_SID
Date: 2010-03-30 16:38:46 UTC
From: WILLIAM & MELINDA LORD
Topic: 88 Message: 91

Paul,
Tim at Stanford made a similiar antenna although his was placed a foot or so above the ground. He said because he made a large (more than one meter) loop, it worked well. It is certainly worth trying.

He also had someone during beta testing wrap it around a small out building. Another idea would be to put it on a wall. This would actually be better than the horizontal on the ceiling, but depending on what local interference you have, either way might work just fine.

Let us know what you do and your results.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Tue, 3/30/10, astronomer45 <astronomer45@...> wrote:

From: astronomer45 <astronomer45@yahoo.com>
Subject: [Super_SID] Antenna idea
To: Super_SID@yahoogroups.com
Date: Tuesday, March 30, 2010, 1:25 AM

In discussing how to build an antenna for my SuperSID, my wife Sandra came up with a great idea. She suggested that I mount 6 or 8 hooks in a hexagonal or octagonal pattern in the ceiling of the room where I plan to keep the antenna, then wind the antenna wire around the hooks instead of building a frame as such. This would allow me to build a 2-meter diameter loop antenna rather than the 1-meter antenna that I had planned on due to space limitations, and would get the antenna up on the ceiling, out of the way. (Note that I do need to keep the antenna indoors.)

My concern is that since I don't know much about radio wave propagation and directionality, I don't know whether an antenna mounted in this manner (horizontal to the earth) would get good reception. I would also be unable to try different antenna orientations to see what worked best.

Perhaps you have tried this or some variation on the theme and have some comments for me?

Thanks,
Paul Carter

92. Problem with program Supersid 1.1

Yahoo group: Super_SID
Date: 2010-03-30 17:24:34 UTC
From: Mario A. Natali, I0NAA
Topic: 92 Message: 92

Hi all,

I am new to the list and to SARA... very exciting !

I just got the material to build a Super_SID station. I made a "square" antenna with PVC tubes and tried with my SDR-IQ. Everything seems to be ok and I can see several stations. However with the program Supersid 1.1 I can not display the name of the station as reported in the specs clicking on the peaks. I edited the config file in order to add the stations audible in Europe.

Any hint ...?

Thanks and in advance !

Mario, I0NAA, JN63HB

93. Re: [Super_SID] Problem with program Supersid 1.1

Yahoo group: Super_SID
Date: 2010-03-30 18:30:11 UTC
From: WILLIAM & MELINDA LORD
Topic: 92 Message: 93

Hello Mario,

When you click on the peaks, it will display the frequency, not the station name. This will show up in the bottom right of the screen.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Tue, 3/30/10, Mario A. Natali, I0NAA <mario.i0naa@...> wrote:

From: Mario A. Natali, I0NAA <mario.i0naa@gmail.com>
Subject: [Super_SID] Problem with program Supersid 1.1
To: Super_SID@yahoogroups.com
Date: Tuesday, March 30, 2010, 12:24 PM

Hi all,

I am new to the list and to SARA... very exciting !

I just got the material to build a Super_SID station. I made a "square" antenna with PVC tubes and tried with my SDR-IQ. Everything seems to be ok and I can see several stations. However with the program Supersid 1.1 I can not display the name of the station as reported in the specs clicking on the peaks. I edited the config file in order to add the stations audible in Europe.

Any hint ...?

Thanks and in advance !

Mario, I0NAA, JN63HB

94. Re: [Super_SID] Problem with program Supersid 1.1

Yahoo group: Super_SID
Date: 2010-03-30 19:47:09 UTC
From: Mario A. Natali, I0NAA
Topic: 92 Message: 94

Got it with thanks ,

Yes the frequency is displayed !

Mario

----- Original Message -----
From: WILLIAM & MELINDA LORD
To: Super_SID@yahoogroups.com
Sent: Tuesday, March 30, 2010 8:30 PM
Subject: Re: [Super_SID] Problem with program Supersid 1.1

Hello Mario,

When you click on the peaks, it will display the frequency, not the station name. This will show up in the bottom right of the screen.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Tue, 3/30/10, Mario A. Natali, I0NAA <mario.i0naa@...> wrote:

From: Mario A. Natali, I0NAA <mario.i0naa@...>
Subject: [Super_SID] Problem with program Supersid 1.1
To: Super_SID@yahoogroups.com
Date: Tuesday, March 30, 2010, 12:24 PM

Hi all,

I am new to the list and to SARA... very exciting !

I just got the material to build a Super_SID station. I made a "square" antenna with PVC tubes and tried with my SDR-IQ. Everything seems to be ok and I can see several stations. However with the program Supersid 1.1 I can not display the name of the station as reported in the specs clicking on the peaks. I edited the config file in order to add the stations audible in Europe.

Any hint ...?

Thanks and in advance !

Mario, I0NAA, JN63HB

95. NAA recording over the last few days

Yahoo group: Super_SID
Date: 2010-03-31 16:06:43 UTC
From: Marcus D. Leech
Topic: 95 Message: 95

Enjoy:

http://www.sbrac.org/files/naa.png

This shows the Monday shutdown, but also shows that they consistently
shutdown for 1 hour from
23:00 EST to 00:00 EST every day. It shows consistent "bouncing" at
local Sunset/Sunrise.

The data are very noisy, so I had to heavily filter it with an IIR
filter, so some fine detail isn't there.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

96. SuperSid hardware

Yahoo group: Super_SID
Date: 2010-03-31 16:54:24 UTC
From: Marcus D. Leech
Topic: 96 Message: 96

Is it possible for me, as an individual, to get a SuperSid amplifier
module? That would help me with
my ongoing software development.

Cheers

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

97. Re: [Super_SID] SuperSid hardware

Yahoo group: Super_SID
Date: 2010-03-31 19:38:38 UTC
From: WILLIAM & MELINDA LORD
Topic: 96   Message: 97
Attachments: 1 described; binary payloads are missing from this source WARC

Marcus,
Yes, complete the order form and send to us.
Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 3/31/10, Marcus D. Leech <mleech@...> wrote:

> From: Marcus D. Leech <mleech@...>
> Subject: [Super_SID] SuperSid hardware
> To: Super_SID@yahoogroups.com
> Date: Wednesday, March 31, 2010, 11:54 AM
>
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>
> Is it possible for me, as an individual, to get a
> SuperSid amplifier
>
> module? That would help me with
>

> my ongoing software development.
>
>
>
> Cheers
>
>
>
> --
>
> Marcus Leech
>
> Principal Investigator
>
> Shirleys Bay Radio Astronomy Consortium
>
> http://www.sbrac. org
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98. More wire on my loop.

Yahoo group: Super_SID
Date: 2010-04-01 22:36:19 UTC
From: Marcus D. Leech
Topic: 98 Message: 98

I added roughly another 100' to my 6ft loop today, and NAA is stronger afterwards than before. This is
good.

NAA is sitting roughly 25dB out of the noise, in a 300Hz channel--which is normally its nightime level.

I'll watch it for the next day or so to see how the S/N improves as a result.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

99. Todays VLF ionospheric plot

Yahoo group: Super_SID
Date: 2010-04-02 03:58:13 UTC
From: Marcus D. Leech
Topic: 99 Message: 99

http://www.sbrac.org/files/vlf.png

Finally figured out how to get time-series working smoothly in
GnuPlot--yay me!

It's interesting to note that the impulse noise is strongly correlated
across all channels, except for
the NAA data, where the impulse noise is masked by the strong signal
from NAA itself.

Notice also, that while NAA is increasing in received signal strength,
NML is decreasing.

The Green and Pink "reference" channels are simply "empty" adjacent
channels to NAA and NML that
are used to cross-check against equipment malfunctions--but they also
allow you to see the effects of
broad-band noise bursts.

The data was captured using nothing more than a 1.8M square loop, with
about 60M of #18 wire on it.
No amplifier was used at all. At these levels, the antenna is likely
only stimulating the lower few bits
of the A/D in the sound card, but that's more than enough, clearly!

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

100. Re: [Super_SID] More wire on my loop.

Yahoo group: Super_SID
Date: 2010-04-02 14:27:19 UTC
From: DIVYADARSHAN PUROHIT
Topic: 98 Message: 100

Dear Marcus Leech,
After adding 100'more in your 6ft loop antenna what is the final length of your total looped cable?How you placed your antenna towards receiving VLF station?i.e perpendicular or parallel to the direction where your VLF is situated.
regards
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

On Fri, Apr 2, 2010 at 4:06 AM, Marcus D. Leech <mleech@...> wrote:

>
>
> I added roughly another 100' to my 6ft loop today, and NAA is stronger
> afterwards than before. This is
> good.
>
> NAA is sitting roughly 25dB out of the noise, in a 300Hz channel--which
> is normally its nightime level.
>
> I'll watch it for the next day or so to see how the S/N improves as a
> result.
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>
>
>

101. Re: [Super_SID] More wire on my loop.

Yahoo group: Super_SID
Date: 2010-04-02 14:41:52 UTC
From: Marcus D. Leech
Topic: 98 Message: 101

>
>
> Dear Marcus Leech,
> After adding 100'more in your 6ft loop antenna what is the final
> length of your total looped cable?How you placed your antenna towards
> receiving VLF station?i.e perpendicular or parallel to the direction
> where your VLF is situated.
> regards
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
>
I have roughly 65M total wire length, on a 1.8M square form. Roughly
perpendicular to the NAA station.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

102. Any AWESOME folks on this list?

Yahoo group: Super_SID
Date: 2010-04-02 19:59:27 UTC
From: Marcus D. Leech
Topic: 102 Message: 102

I know that you're all *awesome*, but I want to talk to someone who
knows exactly how AWESOME
recovers phase information from the demodulated signals. My own
SDR-based receiver currently
uses a GMSK demodulator to demodulate the signals, and produce strings
of very-boring 1s and 0s, but
I'd like to know how the AWESOME folks use this for determining
carrier phase, and phase anomalies.

Cheers

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

103. Re: FW: [Super_SID] More wire on my loop.

Yahoo group: Super_SID
Date: 2010-04-02 23:14:25 UTC
From: Marcus D. Leech
Topic: 103 Message: 103

On 04/02/2010 07:03 PM, Dave Benham wrote:
>
> Hi,
>
>
>
> I'm not trying to be nosy, but if I understand you correctly and you
> are trying to receive NAA, the plane of your vertical loop should
> point towards NAA, not be perpendicular to it.
>
>
>
> Regards,
>
> Dave Benham
>
> McMath-Hulbert Solar Observatory
>
> Lake Angelus, Michigan
>
NAA is roughly south-west from me, and my loop is pointing roughly
south-west.

When I left the house today (had to come into work--yech!) there was a
totally-classic "daytime"
curve developing for NAA. Can't wait to see what it'll look like
later tonight.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

104. NAA *classic* quiet-day curve

Yahoo group: Super_SID
Date: 2010-04-03 01:48:16 UTC
From: Marcus D. Leech
Topic: 104 Message: 104

I just had to share this with the group:

http://www.sbrac.org/files/naa-qcd.png

This shows a "classic" daytime-portion of a "quiet day curve" for
station NAA. The sunrise transient around
10:00 UTC is clearly evident as is the matching sunset transient
around 22:30 UTC. The absorption shown
is around 7.6dB between the local noon low and some of the highest
surrounding nightime peaks.

I don't want to sound immodest or anything, but this rocks!

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

105. Re: NAA *classic* quiet-day curve

Yahoo group: Super_SID
Date: 2010-04-03 07:15:17 UTC
From: abrandi2000
Topic: 104 Message: 105

Hello Marcus,

nice job. looks your equipment is working now. I got a 404 error from your link.

I observing NAA from germany and my antenna is a e-field antenna with a size of a cigarettbox ;) . In a distance about 5200km i hear NAA in daytime with 25-30dB and nighttime about 40dB signal.

30min NAA live picture from germany
http://www.radio-astronomie.de/ra/qrg_24k0.jpg

If i read right, you programm your own SID receiver with python and gnuradio right?? This is very interesting, because i thinking about programming a meteor detector gnuradio.

good hunting on SID's!
regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> I just had to share this with the group:
>
> http://www.sbrac.org/files/naa-qcd.png
>
> This shows a "classic" daytime-portion of a "quiet day curve" for
> station NAA. The sunrise transient around
> 10:00 UTC is clearly evident as is the matching sunset transient
> around 22:30 UTC. The absorption shown
> is around 7.6dB between the local noon low and some of the highest
> surrounding nightime peaks.
>
> I don't want to sound immodest or anything, but this rocks!
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

106. Evening Planets

Yahoo group: Super_SID
Date: 2010-04-04 07:45:34 UTC
From: DIVYADARSHAN PUROHIT
Topic: 106 Message: 106
Attachments: 3 described; binary payloads are missing from this source WARC

Dear Friends,

Please find here with evening planets,nice conjunction of Venus & Mercury
2.5 degree apart & in the sky over the Gurudev observatory,Vadodara,Gujarat
,India.I have used Sony Handy came SX40E for taking photographs.
Pictures description:
(1)Conjunction of Venus & Mercury 2.5 degree apart in west after sunset .
Venus at altitude of 11*18'51" & at azimuth of 278*48'56" while Mercury
was at altitude of 9*24'28" & at azimuth of 281*10'36" at 7:26 PM IST
(Indian standard time i.e.1:56 UT) on 3rd April 2010.
Venus was at a distance of 1.57AU & having -3.9 Magnitude while Mercury was
at a distance of 1.01 AU & having 0.6 magnitude.

(2)Venus is left side of Super Sid Antenna while Mercury at bottom right of
Super Sid antenna at 1:59 UT.

(3) Only Venus over the light polluted Vadodara City of populated more than
2 million.Event though Venus is Venus.It shows its brightness.

At them time mars was near Zenith & Saturn was sparkling in East.

Hope you will enjoy one of the best sky show.
best regards,
Divyadarshan d.purohit
Gurudev Observatory,
Vadodara
India

107. Fwd: FW: Thirst ???.???

Yahoo group: Super_SID
Date: 2010-04-04 16:20:16 UTC
From: DIVYADARSHAN PUROHIT
Topic: 107 Message: 107
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Friends,
I have forward Slide show to you which I got from my industrialist friend Mr.Amit Kumat.Hope you will feel the depth of vision. vision.I am & we all under banner of All World Gayatri Pariwar doing this activity for last 5 decades.We should start this from us,from our home & office.Let us take pledge.
best regards
ddpurohit

---------- Forwarded message ----------
From: Kumat Amit <amit_kumat@...>
Date: Sun, Apr 4, 2010 at 2:42 PM
Subject: FW: Thirst ???.???
To: arushi kumat <arushi_kumat@...>

From: hnghenry@...
Date: Sun, 4 Apr 2010 01:15:33 +0800
Subject: Thirst ???.???

Thirsty ?

How can we help ??

In the middle of difficulty lies opportunity. - Albert Einstein

108. NAA vs NML as seen from Eastern Ontario, Canada

Yahoo group: Super_SID
Date: 2010-04-05 03:25:27 UTC
From: Marcus D. Leech
Topic: 108 Message: 108

Check out:

http://www.sbrac.org/files/naa-nml.png

Interesting that they're inverted with respect to one another.

NAA is relatively close (about 800km), whereas North Dakota is roughly
twice as far away.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

109. NAA playing around with their signal

Yahoo group: Super_SID
Date: 2010-04-05 03:58:14 UTC
From: Marcus D. Leech
Topic: 109 Message: 109

I got a capture of the "breathing" I had observed the other night, and
have now observed again:

A screen capture:

http://www.sbrac.org/files/naa-ook.png

Gnu Plot of the data over a short time period:

http://www.sbrac.org/files/naa-ook-plot.png

This doesn't look like a natural artefact to me, it looks like they're
amplitude modulating
(maybe even OOK) the transmitter.

--

Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

110. gurudev observatory on flickr

Yahoo group: Super_SID
Date: 2010-04-05 09:33:04 UTC
From: DIVYADARSHAN PUROHIT
Topic: 110 Message: 110

Dear Friends,
We are trying to spread awareness to the new generation with help of friends like you,friends of media & local people.One can see some work on our flickr account.
Here is link,kindly visit it.
http://www.flickr.com/photos/gurudevobservatory/

Hope you will enjoy it,your suggestions & blessings will be a priceless gift for all of us always.
best regards,
Divyadarshan d.purohit
Gurudev Observatory,
Vadodara
India

111. Re: [Super_SID] NAA playing around with their signal

Yahoo group: Super_SID
Date: 2010-04-05 16:18:32 UTC
From: JGAVELLONE@aol.com
Topic: 109 Message: 111
Attachments: 1 described; binary payloads are missing from this source WARC

MARCUS:

Yes, they do that!
Attached is a JPEG showing the same behavior during a 24 hr chart record
of NAA signal strength (SkyPipe 1 @ 1 sample/sec on 3/7/2010).
Your "breathing' lasted for exactly one hour (0300 - 0400 UT).
It's also neat to see them run the signal strength up in discrete steps.
If you sample at a high rate (~ 50/sec), you can also see some indications
of modulation "beats" in the 6 to 10 Hz range...around the base Schumann
resonance...

John Avellone
Nellysford, VA

In a message dated 4/4/2010 11:58:48 P.M. Eastern Daylight Time,
mleech@... writes:

I got a capture of the "breathing" I had observed the other night, and
have now observed again:

A screen capture:

http://www.sbrac.http://wwwhttp://www.
(http://www.sbrac.org/files/naa-ook.png)

Gnu Plot of the data over a short time period:

http://www.sbrac.http://wwwhttp://www.sbhtt
(http://www.sbrac.org/files/naa-ook-plot.png)

This doesn't look like a natural artefact to me, it looks like they're
amplitude modulating
(maybe even OOK) the transmitter.

--

Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.htt (http://www.sbrac.org/)

112. Re: NAA playing around with their signal

Yahoo group: Super_SID
Date: 2010-04-05 17:06:02 UTC
From: samouce2
Topic: 109 Message: 112

Light dimmers and electrostatic precipitators, such as "Ionic Breeze" can give you this VLF RF noise.
Dusty

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> I got a capture of the "breathing" I had observed the other night, and
> have now observed again:
>
> A screen capture:
>
> http://www.sbrac.org/files/naa-ook.png
>
> Gnu Plot of the data over a short time period:
>
> http://www.sbrac.org/files/naa-ook-plot.png
>
> This doesn't look like a natural artefact to me, it looks like they're
> amplitude modulating
> (maybe even OOK) the transmitter.
>
> --
>
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

113. Re: NAA vs NML as seen from Eastern Ontario, Canada

Yahoo group: Super_SID
Date: 2010-04-05 17:07:18 UTC
From: samouce2
Topic: 108 Message: 113

What charting software are you using? Like it.
Dusty

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> Check out:
>
> http://www.sbrac.org/files/naa-nml.png
>
>
> Interesting that they're inverted with respect to one another.
>
> NAA is relatively close (about 800km), whereas North Dakota is roughly
> twice as far away.
>
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

114. Re: [Super_SID] Re: NAA playing around with their signal

Yahoo group: Super_SID
Date: 2010-04-05 18:35:14 UTC
From: Marcus D. Leech
Topic: 109 Message: 114

On 04/05/2010 01:06 PM, samouce2 wrote:
>
>
> Light dimmers and electrostatic precipitators, such as "Ionic Breeze"
> can give you this VLF RF noise.
> Dusty
>
I think it's actually NAA "doing stuff"--this effect always happens
during their nightly down time from
23:00 to 24:00 EST.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

115. Re: [Super_SID] Re: NAA vs NML as seen from Eastern Ontario, Canada

Yahoo group: Super_SID
Date: 2010-04-05 18:36:05 UTC
From: Marcus D. Leech
Topic: 108 Message: 115

On 04/05/2010 01:07 PM, samouce2 wrote:
>
>
> What charting software are you using? Like it.
> Dusty
>
I'm using Gnuplot to plot the post-processed data, and I use an AWK
script to process it.

The receiver application is based on Gnu Radio--there'll be an article
about it in an upcoming
SARA journal.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

116. Any observations relevant to today's geomagnetic storm?

Yahoo group: Super_SID
Date: 2010-04-05 23:54:11 UTC
From: Marcus D. Leech
Topic: 116 Message: 116

There was a geomagnetic storm, onset around 08:00 UTC today. I didn't see anything unusual in my
data, I wonder if anyone else did?

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

117. Data format for upload

Yahoo group: Super_SID
Date: 2010-04-06 03:12:23 UTC
From: Marcus D. Leech
Topic: 117 Message: 117

Is there a reference document that describes the data format to be used
for uploading SID data to
the repository at Stanford?

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

118. Re: Any observations relevant to today's geomagnetic storm?

Yahoo group: Super_SID
Date: 2010-04-06 07:08:47 UTC
From: abrandi2000
Topic: 116 Message: 118

Hello Marcus,

yes i did.

http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/1234697300/view

I got on 37.5Khz a 7-8dB Signal incrase.

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> There was a geomagnetic storm, onset around 08:00 UTC today. I didn't
> see anything unusual in my
> data, I wonder if anyone else did?
>
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

119. Re: Any observations relevant to today's geomagnetic storm?

Yahoo group: Super_SID
Date: 2010-04-06 14:52:11 UTC
From: wd73383
Topic: 116 Message: 119

Hello Karl-Heinz and Marcus - I have operated a geomagnetometer in Anchorage or about 1 year now (www.reeve.com/SAM/SAM_simple.html) and have noticed there is not always a direct correlation between solar events indicated on a VLF receiver and those indicated on a geomagnetometer.

Solar flares involving high-energy particles (gamma- and x-rays) usually affect VLF propagation but do not affect the Earth's magnetic field unless there are mass ejections or coronal hole activity associated with them. The VLF effects are felt at the speed of light so happen soon (8-9 minutes) after the solar event.

On the other hand coronal mass ejections (that do not have strong bursts of gamma- and x-rays associated with them) and coronal hole high-speed streams usually affect the Earth's magnetic field but do not affect VLF propagation. These effects take place a few to several days after the actual solar event because of their much slower speed toward Earth (400-800 km/s or more). Basically, this is the solar wind being augmented by additional solar activity.

Of course, there are times when both VLF and Earth's magnetic field are affected by the same event.

Here is another link you can use to see what's going on around the world magnetically speaking: http://www.sam-magnetometer.net/ . Scroll down and you can see magnetograms from Alaska (my system), Russia, Europe and elsewhere. We are waiting for additional geomagnetometers to come online from New Zealand, Australia, Reunion Island, and locations in the lower-48 states (USA).

Whit

Whitham D. Reeve
Anchorage, Alaska USA

--- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@...> wrote:
>
> Hello Marcus,
>
> yes i did.
>
> http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/1234697300/view
>
> I got on 37.5Khz a 7-8dB Signal incrase.
>
> regards,
> Karl-Heinz
>
> --- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@> wrote:
> >

> > There was a geomagnetic storm, onset around 08:00 UTC today. I didn't
> > see anything unusual in my
> > data, I wonder if anyone else did?
> >
> >
> > --
> > Marcus Leech
> > Principal Investigator
> > Shirleys Bay Radio Astronomy Consortium
> > http://www.sbrac.org
> >
>

120. Antenna

Yahoo group: Super_SID
Date: 2010-04-06 18:09:38 UTC
From: Dan
Topic: 120 Message: 120

Destroyer Dan here,

Have been busy doing things other than destroying supersids. Added pics in folder Dan 009. Building framework for antenna, 1" pvc pipe 8 sides 16 flat surfaces. Antenna 86" across flats and 22' 4 1/2" circumference. Has a 2" spacer in center to separate supports. Looks like big bike wheel. In the hunt for scrap phone trunk line (50-100) pair to create 1 mile of wraped wire. The fellow in pic not me but a friend that got suckered into this thingy. He is in an area with minimal signal, so we can really test increases/decreases of signals. If it doesn't work, will pawn off on nearest plummer as water manifold. Any suggestion/input will be tested and reported,(or given to plummer).

Nuther project, removed split phase windings out of drill and connected one part to my sid, can receive a signal, although small. Wife won't let me near washer/dryer.

Have a great day,

Dan

121. RE: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-06 04:39:29 UTC
From: Dave Benham
Topic: 117 Message: 121

Page 29 of the SuperSID manual?

Dave Benham
McMath-Hulbert Solar Observatory

_____

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Marcus D. Leech
Sent: Monday, April 05, 2010 11:12 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Data format for upload

Is there a reference document that describes the data format to be used for uploading SID data to
the repository at Stanford?

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac. <http://www.sbrac.org> org

122. GNUplot 4.4

Yahoo group: Super_SID
Date: 2010-04-07 21:28:02 UTC
From: whswak
Topic: 122 Message: 122

Does anyone out there have a script/bat to conver SID format data to GNUplot 4.4 files?

123. GNUplot 4.4

Yahoo group: Super_SID
Date: 2010-04-07 21:36:49 UTC
From: whswak
Topic: 122 Message: 123

Hello all,
Carl, WHSAK, Wasilla Alaska.

Just downloaded GNUplot 4.4 for my high school students to use with the SID program. We are using Windows XP SP4 here at the school and I'm trying to streamline a few different plotting programs for them to use. Came across GNUplot 4.4 open-source (keeping inline with Open-office.org), and very few of use are Unix/Linux savvy. Does anyone have a quick and dirty script on converting SID data format to GNUplot plot files? Any help would be GREATLY thanked.

Thanks.
Carl P

124. Re: FW: [Super_SID] More wire on my loop.

Yahoo group: Super_SID
Date: 2010-04-07 22:48:38 UTC
From: WILLIAM & MELINDA LORD
Topic: 103 Message: 124

Look at page 52 of the SuperSID Manual for info on building a horizontal antenna. You can use a horizontal, but it generally will not work as well as the vertical antenna pointed at a station.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Fri, 4/2/10, Marcus D. Leech <mleech@...> wrote:

From: Marcus D. Leech <mleech@...>
Subject: Re: FW: [Super_SID] More wire on my loop.
To: "Dave Benham" <dad@...>, Super_SID@yahoogroups.com
Date: Friday, April 2, 2010, 6:14 PM

On 04/02/2010 07:03 PM, Dave Benham wrote:

Hi,

I’m not trying to be nosy, but if I understand you correctly and you are trying to receive NAA, the plane of your vertical loop should point towards NAA, not be perpendicular to it.

Regards,
Dave Benham
McMath-Hulbert Solar Observatory
Lake Angelus, MichiganNAA is roughly south-west from me, and my loop is pointing roughly south-west.

When I left the house today (had to come into work--yech!) there was a totally-classic "daytime"
  curve developing for NAA. Can't wait to see what it'll look like later tonight.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac. org

125. Re: FW: [Super_SID] More wire on my loop.

Yahoo group: Super_SID
Date: 2010-04-08 22:59:31 UTC
From: Ken Hubal
Topic: 103 Message: 125

I've had pretty good luck with a longwire antenna strung between two fence posts. I used AWG #26 wire about 300 ft in length. This enabled reception of NAA, NLK, and NML with my older Gyrator SID detector.

Ken Hubal

From: WILLIAM & MELINDA LORD <ap_guardian@...>
To: Super_SID@yahoogroups.com
Sent: Wed, April 7, 2010 6:48:38 PM
Subject: Re: FW: [Super_SID] More wire on my loop.

Look at page 52 of the SuperSID Manual for info on building a horizontal antenna. You can use a horizontal, but it generally will not work as well as the vertical antenna pointed at a station.

Bill & Melinda Lord
www.tnSkyNet. com
www.radio-astronomy .org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Fri, 4/2/10, Marcus D. Leech <mleech@ripnet. com> wrote:

>From: Marcus D. Leech <mleech@ripnet. com>
>Subject: Re: FW: [Super_SID] More wire on my loop.
>To: "Dave Benham" <dad@dodgeboy. net>, Super_SID@yahoogrou ps.com
>Date: Friday, April 2, 2010, 6:14 PM
>
>
>
>On 04/02/2010 07:03 PM, Dave Benham wrote:
>Hi,
>>
>I'm not trying to be nosy, but if I understand you correctly and you are trying to receive NAA, the plane of your vertical loop should point towards NAA, not be perpendicular to it.
>
>Regards,
>Dave Benham
>McMath-Hulbert Solar Observatory
>Lake Angelus, MichiganNAA is roughly south-west from me, and my loop is pointing roughly south-west.

When I left the house today (had to come into work--yech!) there was a totally-classic "daytime"
  curve developing for NAA. Can't wait to see what it'll look like later tonight.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac. org

126. Latest and greatest GnuRadio-based SID monitoring stuff

Yahoo group: Super_SID
Date: 2010-04-09 05:45:38 UTC
From: Marcus D. Leech
Topic: 126 Message: 126

http://www.sbrac.org/files/sidstuff.tar.gz

Contains Gnu Radio programs: audioSID.py and audioSIDnoGUI.py

Also includes some data-processing scripts and programs, including a
Makefile

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

127. SID receiver on Sheeva Plug

Yahoo group: Super_SID
Date: 2010-04-09 23:44:36 UTC
From: Marcus D. Leech
Topic: 127 Message: 127

Just as an item of information, I got a SDR-based SID receiver working
on the Sheeva Plug
last night--this is a $99.00 ARM5 based platform that runs Linux, and
is intended for
"hide a server behind your couch" type applications.

I had to pick up a Creative X-Fi USB sound system for it, which samples
at 96KHz--the Sheeva
has no native sound system.

Getting it going wasn't for the faint of heart, let me tell you, and the
resulting receiver *doesnt*
support a GUI, and only supports two channels. It consumes about
70-80% of the CPU while
its running, but it does work, and could reasonably be deployed into
environments where
low power, and no moving parts is a requirement. The Sheeva includes
1GiGE, so the raw data
can easily be spit out over the "net" rather than stored locally on
the Sheeva, etc.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

128. Need Blessings

Yahoo group: Super_SID
Date: 2010-04-11 14:29:57 UTC
From: DIVYADARSHAN PUROHIT
Topic: 128 Message: 128

Dear Friends,
My mother Mrs.Jyotiben Dineshchandra Purohit is under coma due to brain hemorrhage since 7.30PM on Thursday .She is in ICCU of Our Lady of Pillar Hospital.She is not responding drugs till today & has been kept under Ventilator.We all are under tremendous tension & stress.According to Doctors Only miracle help her .Please pray almighty & bless my mother.I will not be able to communicate with you due to my absents in observatory up to uncertain time.Kindly forgive me.

*--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
*

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

129. [Super_SID] sending data manually

Yahoo group: Super_SID
Date: 2010-04-13 02:05:34 UTC
From: Dave Benham
Topic: 103 Message: 129

Can anyone assist me in how to send data in a non-automatic mode (manually)? We do not have an internet connection where our SuperSID is set up, so I have to transfer (hand carry) the data to my house and send it from there - except that every method I've been told to use has not worked. Automatic transmission of data is not possible at this time.

Thanks.

Dave
McMath-Hulbert Solar Observatory

130. Re: sending data manually

Yahoo group: Super_SID
Date: 2010-04-13 06:24:42 UTC
From: abrandi2000
Topic: 103 Message: 130

Hello Dave,

you can upload the data manualy. Just look in the supersid.cfg.

You need a ftp client and open a connection to sid-ftp.stanford.edu

change to the upload directory /incoming/SuperSID/NEW/

and upload manualy your datafiles.

Maybe you can use a FTP Software with Gui like WSFTP /FlashFXP.

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Dave Benham" <dad@...> wrote:
>
> Can anyone assist me in how to send data in a non-automatic mode (manually)?
> We do not have an internet connection where our SuperSID is set up, so I
> have to transfer (hand carry) the data to my house and send it from there -
> except that every method I've been told to use has not worked. Automatic
> transmission of data is not possible at this time.
>
> Thanks.
>
> Dave
> McMath-Hulbert Solar Observatory
>

131. Re: [Super_SID] Re: sending data manually

Yahoo group: Super_SID
Date: 2010-04-13 08:25:28 UTC
From: PXD Azariven (JZ)
Topic: 103 Message: 131

Dave

Maybe you can try to install the same software at your house and insert the
data you've gathered at your solar observatory, then upload it through FTP?
This works for my station.

2010/4/13 abrandi2000 <karl-heinz.gansel@...>

>
>
> Hello Dave,
>
> you can upload the data manualy. Just look in the supersid.cfg.
>
> You need a ftp client and open a connection to sid-ftp.stanford.edu
>
> change to the upload directory /incoming/SuperSID/NEW/
>
> and upload manualy your datafiles.
>
> Maybe you can use a FTP Software with Gui like WSFTP /FlashFXP.
>
> regards,
> Karl-Heinz
>
>
> --- In Super_SID@yahoogroups.com <Super_SID%40yahoogroups.com>, "Dave
> Benham" <dad@...> wrote:
> >
> > Can anyone assist me in how to send data in a non-automatic mode
> (manually)?
> > We do not have an internet connection where our SuperSID is set up, so I
> > have to transfer (hand carry) the data to my house and send it from there
> -
> > except that every method I've been told to use has not worked. Automatic
> > transmission of data is not possible at this time.
> >
> > Thanks.
> >
> > Dave
> > McMath-Hulbert Solar Observatory
> >
>
>
>

--
Zhuchang Zhan
SSAA President

ssastronomy@...

132. Re: sending data manually

Yahoo group: Super_SID
Date: 2010-04-13 14:03:54 UTC
From: yo9gjx
Topic: 103 Message: 132

http://filezilla-project.org/

133. Re: Antenna idea

Yahoo group: Super_SID
Date: 2010-04-13 22:44:56 UTC
From: astronomer45
Topic: 88 Message: 133

To follow up, I ended up building my antenna on a portable, octagonal frame rather than mounting it horizontally on the ceiling of my room. I chose that design to allow me to move the antenna around in the room to determine where I could get the best signals. My thanks to those of you who offered opinions on how to build my antenna.

I think I have things set up about as well as I know how, so I posted some plots to the web here: http://thoughtsynergy.wordpress.com/astronomy/ and would appreciate it if some of you more experienced SIDers would take a look and offer advice. I would particularly be interested in advice about how to reduce noise in the system, and whether you think I'm getting good enough results to go ahead and turn on automated posting of my data to Stanford.

One other thing...if my explanation on my web page of the basics of how this works is out of whack, feel free to correct me. I'm still learning.

Thanks,
Paul Carter

--- In Super_SID@yahoogroups.com, "astronomer45" <astronomer45@...> wrote:
>
> In discussing how to build an antenna for my SuperSID, my wife Sandra came up with a great idea. She suggested that I mount 6 or 8 hooks in a hexagonal or octagonal pattern in the ceiling of the room where I plan to keep the antenna, then wind the antenna wire around the hooks instead of building a frame as such. This would allow me to build a 2-meter diameter loop antenna rather than the 1-meter antenna that I had planned on due to space limitations, and would get the antenna up on the ceiling, out of the way. (Note that I do need to keep the antenna indoors.)
>
> My concern is that since I don't know much about radio wave propagation and directionality, I don't know whether an antenna mounted in this manner (horizontal to the earth) would get good reception. I would also be unable to try different antenna orientations to see what worked best.
>
> Perhaps you have tried this or some variation on the theme and have some comments for me?
>
> Thanks,
> Paul Carter
>

134. RE: [Super_SID] Re: sending data manually

Yahoo group: Super_SID
Date: 2010-04-13 22:56:58 UTC
From: Dave Benham
Topic: 103 Message: 134

Thanks to all for the help with sending data manually. I finally got the answer from Stanford and their instructions worked the first time.

I think I was corrupting the bat file, treating it as txt.

I'm all set now.

Dave

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of yo9gjx
Sent: Tuesday, April 13, 2010 10:04 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: sending data manually

http://filezilla- <http://filezilla-project.org/> project.org/

135. RE: [Super_SID] Re: Antenna idea

Yahoo group: Super_SID
Date: 2010-04-13 23:34:10 UTC
From: Dave Benham
Topic: 88 Message: 135

Hi,

We had similar noise issues at McMath-Hulbert Solar Observatory in Lake Angelus, Michigan.

We drastically reduced the noise by putting a .001 mfd capacitor across the two lines that go to the soundcard. I suspect much of our noise was from the computer, as there's not too much else with power applied to it in our location. We just stuffed the legs of the cap into the terminal block on the SuperSID board. It reduced the noise about 30 dB. It also reduced the signal by a little less than 10 dB but the resultant signal-to-noise improvement was worth it.

Also, our antenna is a tuned loop. We used to use it with a couple of Gyrators but now use it with the SuperSID. I built an approx 5 foot square loop with 27 turns of wire (the ~400' in the SuperSID kit) on a PVC frame. It is more broadbanded, as expected, but it receives more noise, even with this cap added.

We are not done with our noise reduction efforts. We'd like to try other caps and maybe other methods.

Good luck.

Dave
McMath-Hulbert Solar Observatory

PS - I sent a connect to you via Linkedin.com.

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of astronomer45
Sent: Tuesday, April 13, 2010 6:45 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Antenna idea

To follow up, I ended up building my antenna on a portable, octagonal frame rather than mounting it horizontally on the ceiling of my room. I chose that design to allow me to move the antenna around in the room to determine where I could get the best signals. My thanks to those of you who offered opinions on how to build my antenna.

I think I have things set up about as well as I know how, so I posted some plots to the web here: http://thoughtsyner <http://thoughtsynergy.wordpress.com/astronomy/> gy.wordpress.com/astronomy/ and would appreciate it if some of you more experienced SIDers would take a look and offer advice. I would particularly be interested in advice about

how to reduce noise in the system, and whether you think I'm getting good enough results to go ahead and turn on automated posting of my data to Stanford.

One other thing...if my explanation on my web page of the basics of how this works is out of whack, feel free to correct me. I'm still learning.

Thanks,
Paul Carter

--- In Super_SID@yahoogrou <mailto:Super_SID%40yahoogroups.com> ps.com, "astronomer45" <astronomer45@...> wrote:
>
> In discussing how to build an antenna for my SuperSID, my wife Sandra came up with a great idea. She suggested that I mount 6 or 8 hooks in a hexagonal or octagonal pattern in the ceiling of the room where I plan to keep the antenna, then wind the antenna wire around the hooks instead of building a frame as such. This would allow me to build a 2-meter diameter loop antenna rather than the 1-meter antenna that I had planned on due to space limitations, and would get the antenna up on the ceiling, out of the way. (Note that I do need to keep the antenna indoors.)
>
> My concern is that since I don't know much about radio wave propagation and directionality, I don't know whether an antenna mounted in this manner (horizontal to the earth) would get good reception. I would also be unable to try different antenna orientations to see what worked best.
>
> Perhaps you have tried this or some variation on the theme and have some comments for me?
>
> Thanks,
> Paul Carter
>

136. Latest sidstuff.tar.gz

Yahoo group: Super_SID
Date: 2010-04-14 13:05:54 UTC
From: Marcus D. Leech
Topic: 136 Message: 136

Now up at

http://www.sbrac.org/files/sidstuff.tar.gz

Cheers

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

137. Re: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-14 15:40:59 UTC
From: Marcus D. Leech
Topic: 117 Message: 137

On 04/06/2010 12:39 AM, Dave Benham wrote:
> Page 29 of the SuperSID manual?
Ahhh. Just saw this now.

Where is the SuperSID manual? (I'm not running SuperSID, I have my own
stuff).

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

138. Re: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-14 21:21:36 UTC
From: WILLIAM & MELINDA LORD
Topic: 117 Message: 138

Link to manual
http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/Doc/

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 4/14/10, Marcus D. Leech <mleech@...> wrote:

From: Marcus D. Leech <mleech@...>
Subject: Re: [Super_SID] Data format for upload
To: Super_SID@yahoogroups.com
Cc: "Dave Benham" <dad@...>
Date: Wednesday, April 14, 2010, 10:40 AM

On 04/06/2010 12:39 AM, Dave Benham wrote:
Page 29 of the SuperSID manual?Ahhh. Just saw this now.

Where is the SuperSID manual? (I'm not running SuperSID, I have my own stuff).

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac. org

139. RE: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-14 23:49:04 UTC
From: Dale
Topic: 117 Message: 139

I am unable to upload my data. I looked at the log and it says permission denied. When i tried to do it via FTP it is looking for a login id & password. I can find no information od what to do or use for a login & password. Help!

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of WILLIAM & MELINDA LORD
Sent: Wednesday, April 14, 2010 4:22 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Data format for upload

Link to manual http://solar-
<http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/Doc/> center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/Doc/

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 4/14/10, Marcus D. Leech <mleech@...> wrote:

From: Marcus D. Leech <mleech@...>
Subject: Re: [Super_SID] Data format for upload
To: Super_SID@yahoogroups.com
Cc: "Dave Benham" <dad@...>
Date: Wednesday, April 14, 2010, 10:40 AM

On 04/06/2010 12:39 AM, Dave Benham wrote:

Page 29 of the SuperSID manual?

Ahhh. Just saw this now.

Where is the SuperSID manual? (I'm not running SuperSID, I have my own stuff).

--

Principal Investigator

Shirleys Bay Radio Astronomy Consortium

http://www.sbrac. org <http://www.sbrac.org/>

140. Re: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-15 00:03:14 UTC
From: PXD Azariven (JZ)
Topic: 117 Message: 140

Dear Dale,

The software itself and the uploading to Stanford doesn't really need a password. Chances are the login&password had to do with your facility. In my school, logging on to the internet requires a password, so if you're working in a institute or an university, maybe you can try to find someone who is incharge of the internet service. See if that helps out.

Zhuchang

2010/4/15 Dale <dhagert@...>

>
>
> I am unable to upload my data. I looked at the log and it says permission
> denied. When i tried to do it via FTP it is looking for a login id &
> password. I can find no information od what to do or use for a login &
> password. Help!
>
> ------------------------------
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] *On
> Behalf Of *WILLIAM & MELINDA LORD
> *Sent:* Wednesday, April 14, 2010 4:22 PM
>
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Data format for upload
>
>
>
> Link to manual
> http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/Doc/
>
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnskynet.com/>
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> --- On *Wed, 4/14/10, Marcus D. Leech <mleech@...>* wrote:
>
>
> From: Marcus D. Leech <mleech@...>
> Subject: Re: [Super_SID] Data format for upload
> To: Super_SID@yahoogroups.com
> Cc: "Dave Benham" <dad@...>

> Date: Wednesday, April 14, 2010, 10:40 AM
>
>
> On 04/06/2010 12:39 AM, Dave Benham wrote:
>
> Page 29 of the SuperSID manual?
>
> Ahhh. Just saw this now.
>
> Where is the SuperSID manual? (I'm not running SuperSID, I have my own
> stuff).
>
>
>
> --
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortiumhttp://www.sbrac. org <http://www.sbrac.org/>
>
>
>

--
Zhuchang Zhan
SSAA President

ssastronomy@...

141. RE: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-15 00:06:07 UTC
From: WILLIAM & MELINDA LORD
Topic: 117 Message: 141

Are you trying to schdule your computer to do the ftp? The login and password is not required for SuperSID, so it may be with how your computer is set up. Does the login you are using have "rights" as an administrator on your computer? Are you using X-P, Vista or Windows 7?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 4/14/10, Dale <dhagert@...> wrote:

From: Dale <dhagert@...>
Subject: RE: [Super_SID] Data format for upload
To: Super_SID@yahoogroups.com
Date: Wednesday, April 14, 2010, 6:49 PM

I am unable to upload my data. I looked at the log and it says permission denied. When i tried to do it via FTP it is looking for a login id & password. I can find no information od what to do or use for a login & password. Help!

From: Super_SID@yahoogrou ps.com [mailto:Super_ SID@yahoogroups. com] On Behalf Of WILLIAM & MELINDA LORD
Sent: Wednesday, April 14, 2010 4:22 PM
To: Super_SID@yahoogrou ps.com
Subject: Re: [Super_SID] Data format for upload

Link to manual http://solar- center.stanford. edu/SID/Distribu tion/SuperSID/ supersid_ v1_1/Doc/

Bill & Melinda Lord
www.tnSkyNet. com
www.radio-astronomy .org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 4/14/10, Marcus D. Leech <mleech@ripnet. com> wrote:

From: Marcus D. Leech <mleech@ripnet. com>
Subject: Re: [Super_SID] Data format for upload
To: Super_SID@yahoogrou ps.com
Cc: "Dave Benham" <dad@dodgeboy. net>
Date: Wednesday, April 14, 2010, 10:40 AM

On 04/06/2010 12:39 AM, Dave Benham wrote:
Page 29 of the SuperSID manual?Ahhh. Just saw this now.

Where is the SuperSID manual? (I'm not running SuperSID, I have my own stuff).

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac. org

142. RE: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-15 21:09:16 UTC
From: Dale
Topic: 117 Message: 142

I am using Windows7 computer dedicated to radio astronomy and I am the only user. I have tried using Ipswitch WS_FTP & Filezilla and both ask for a login & password.

_____

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of WILLIAM & MELINDA LORD
Sent: Wednesday, April 14, 2010 7:06 PM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] Data format for upload

Are you trying to schdule your computer to do the ftp? The login and password is not required for SuperSID, so it may be with how your computer is set up. Does the login you are using have "rights" as an administrator on your computer? Are you using X-P, Vista or Windows 7?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 4/14/10, Dale <dhagert@...> wrote:

From: Dale <dhagert@...>
Subject: RE: [Super_SID] Data format for upload
To: Super_SID@yahoogroups.com
Date: Wednesday, April 14, 2010, 6:49 PM

I am unable to upload my data. I looked at the log and it says permission denied. When i tried to do it via FTP it is looking for a login id & password. I can find no information od what to do or use for a login & password. Help!

_____

From: Super_SID@yahoogrou ps.com [mailto:Super_ SID@yahoogroups. com] On Behalf Of WILLIAM & MELINDA LORD
Sent: Wednesday, April 14, 2010 4:22 PM
To: Super_SID@yahoogrou ps.com
Subject: Re: [Super_SID] Data format for upload

Link to manual http://solar- center.stanford. <http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/Doc/> edu/SID/Distribu tion/SuperSID/ supersid_ v1_1/Doc/

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To: Super_SID@yahoogrou ps.com
Cc: "Dave Benham" <dad@dodgeboy. net>
Date: Wednesday, April 14, 2010, 10:40 AM

On 04/06/2010 12:39 AM, Dave Benham wrote:

Page 29 of the SuperSID manual?

Ahhh. Just saw this now.

Where is the SuperSID manual? (I'm not running SuperSID, I have my own stuff).

--

Principal Investigator

Shirleys Bay Radio Astronomy Consortium

http://www.sbrac. org <http://www.sbrac.org/>

143. [Emergency] Request for Data and inference for 7.1mag. Qinghai, China Earthquake,

Yahoo group: Super_SID
Date: 2010-04-16 00:45:39 UTC
From: PXD Azariven (JZ)
Topic: 143 Message: 143

April 14th so far death toll climb up to 760, 243 missing, and 11477 injured.

--
Zhuchang Zhan
SSAA President

ssastronomy@...

144. Re: [Emergency] Request for Data and inference for 7.1mag. Qinghai, China Earthquake,

Yahoo group: Super_SID
Date: 2010-04-16 00:58:58 UTC
From: PXD Azariven (JZ)
Topic: 143 Message: 144

sorry that was an incomplete email... accidently hit the sent button.

Anyway:

Beijing time (120E) 4:49am April 14, an 5.0 mag earth quake out burst in east region of Taiwan, China. Same day at 7:49am, a 7.1mag earth quake rumble the poor region of China: Qinghai province, causing 760 death, 243 missing and 11477 injury so far.

(plz morn for my people for 1 minute.)

I've shut down my station on the 13th after operating for a week, and for installing my antenna. I got everything done and start calibrating in the afternoon on the same day. However, the data is very unstable and i thought it was a technical error. After giving the equipment a full scan, it's proven to be functional. I've decided to left my SID, which is not perfectly calibrate, running starting 14:00UTC on the 14th and all the day on the 15th. It's in the attachment.

coincidence with maintaince, I'm unable to gather correct information for these 3 days. If anybody's station is near China or is monitering NWC, JJI, 3SA, 3SB VTX3 or any Russian stations, please provide me your data from the 13th to 16th. Thank you very much!

2010/4/16 PXD Azariven (JZ) <azariven@...>

> April 14th so far death toll climb up to 760, 243 missing, and 11477
> injured.
>
> --
> Zhuchang Zhan
> SSAA President
>
> ssastronomy@...
>
>

--
Zhuchang Zhan
SSAA President

ssastronomy@...

145. Re: [Emergency] Request for Data and inference for 7.1mag. Qinghai, China Earthquake,

Yahoo group: Super_SID
Date: 2010-04-16 01:07:03 UTC
From: PXD Azariven (JZ)
Topic: 143 Message: 145
Attachments: 3 described; binary payloads are missing from this source WARC

Here is the data for April 11th, 14th, and 15th.

The data for April 11th is reference.

My site is China-13 (113.13E, 23.49N)

2010/4/16 PXD Azariven (JZ) <azariven@...>

> sorry that was an incomplete email... accidently hit the sent button.
>
> Anyway:
>
> Beijing time (120E) 4:49am April 14, an 5.0 mag earth quake out burst in
> east region of Taiwan, China. Same day at 7:49am, a 7.1mag earth quake
> rumble the poor region of China: Qinghai province, causing 760 death, 243
> missing and 11477 injury so far.
>
> (plz morn for my people for 1 minute.)
>
> I've shut down my station on the 13th after operating for a week, and for
> installing my antenna. I got everything done and start calibrating in the
> afternoon on the same day. However, the data is very unstable and i thought
> it was a technical error. After giving the equipment a full scan, it's
> proven to be functional. I've decided to left my SID, which is not perfectly
> calibrate, running starting 14:00UTC on the 14th and all the day on
> the 15th. It's in the attachment.
>
> coincidence with maintaince, I'm unable to gather correct information for
> these 3 days. If anybody's station is near China or is monitering NWC, JJI,
> 3SA, 3SB VTX3 or any Russian stations, please provide me your data from the
> 13th to 16th. Thank you very much!
>
> 2010/4/16 PXD Azariven (JZ) <azariven@...>
>
> April 14th so far death toll climb up to 760, 243 missing, and 11477
>> injured.
>>
>> --
>> Zhuchang Zhan
>> SSAA President
>>
>> ssastronomy@...
>>
>>

>
>
> --
> Zhuchang Zhan
> SSAA President
>
> ssastronomy@...
>
>

--
Zhuchang Zhan
SSAA President

ssastronomy@...

146. Re: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-16 01:09:54 UTC
From: PXD Azariven (JZ)
Topic: 117 Message: 146

Are you using ADSL or Broadband or is it campus internet connection? It could be the Username and password required for you to link to the internet?

I'm using ADSL and everytime I connect with the internet, a username and password is require. Try type in that if it is so with your case and see if it works.

2010/4/16 Dale <dhagert@...>

>
>
> I am using Windows7 computer dedicated to radio astronomy and I am the only
> user. I have tried using Ipswitch WS_FTP & Filezilla and both ask for a
> login & password.
>
> ------------------------------
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] *On
> Behalf Of *WILLIAM & MELINDA LORD
> *Sent:* Wednesday, April 14, 2010 7:06 PM
>
> *To:* Super_SID@...m
> *Subject:* RE: [Super_SID] Data format for upload
>
>
>
> Are you trying to schdule your computer to do the ftp? The login and
> password is not required for SuperSID, so it may be with how your computer
> is set up. Does the login you are using have "rights" as an administrator
> on your computer? Are you using X-P, Vista or Windows 7?
>
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnskynet.com/>
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> --- On *Wed, 4/14/10, Dale <dhagert@comcast.net>* wrote:
>
>
> From: Dale <dhagert@...>
> Subject: RE: [Super_SID] Data format for upload
> To: Super_SID@yahoogroups.com
> Date: Wednesday, April 14, 2010, 6:49 PM
>
>
>

> I am unable to upload my data. I looked at the log and it says permission
> denied. When i tried to do it via FTP it is looking for a login id &
> password. I can find no information od what to do or use for a login &
> password. Help!
>
> ------------------------------
> *From:* Super_SID@yahoogrou ps.com [mailto:Super_ SID@yahoogroups. com] *On
> Behalf Of *WILLIAM & MELINDA LORD
> *Sent:* Wednesday, April 14, 2010 4:22 PM
> *To:* Super_SID@yahoogrou ps.com
> *Subject:* Re: [Super_SID] Data format for upload
>
>
> Link to manual http://solar- center.stanford. edu/SID/Distribu
> tion/SuperSID/ supersid_
v1_1/Doc/<http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/Doc/>
>
> Bill & Melinda Lord
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> Light travels faster than sound. This is why some people appear bright
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> --- On *Wed, 4/14/10, Marcus D. Leech <mleech@ripnet. com>* wrote:
>
>
> From: Marcus D. Leech <mleech@ripnet. com>
> Subject: Re: [Super_SID] Data format for upload
> To: Super_SID@yahoogrou ps.com
> Cc: "Dave Benham" <dad@dodgeboy. net>
> Date: Wednesday, April 14, 2010, 10:40 AM
>
>
> On 04/06/2010 12:39 AM, Dave Benham wrote:
>
> Page 29 of the SuperSID manual?
>
> Ahhh. Just saw this now.
>
> Where is the SuperSID manual? (I'm not running SuperSID, I have my own
> stuff).
>
>
>
> --
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortiumhttp://www.sbrac. org <http://www.sbrac.org/>
>
>

>

--
Zhuchang Zhan
SSAA President

ssastronomy@...

147. Emergency Request for Data and inference for 7.1mag. Qinghai, China Earthquak

Yahoo group: Super_SID
Date: 2010-04-16 01:30:27 UTC
From: azariven
Topic: 147 Message: 147

Beijing time (120E) 4:49am April 14, an 5.0 mag earth quake out burst in east region of Taiwan, China. Same day at 7:49am, a 7.1mag earth quake rumble the poor region of China: Qinghai province, causing 760 death, 243 missing and 11477 injury so far.

(plz morn for my people for 1 minute.)

I've shut down my station on the 13th after operating for a week, and for installing my antenna. I got everything done and start calibrating in the afternoon on the same day. However, the data is very unstable and i thought it was a technical error. After giving the equipment a full scan, it's proven to be functional. I've decided to left my SID, which is not perfectly calibrate, running starting 14:00UTC on the 14th and all the day on the 15th. I'm fresh on using the yahoo group and don't know how to add attachment on it. So if you want my data, tell me. (since it's uncalibrated, I have no intention to FTP it to stanford)

coincidence with maintaince, I'm unable to gather correct information for these 3 days. If anybody's station is near China or is monitering NWC(Australia), JJI(Japan), 3SA(China), 3SB(China), VTX3(India) or any Russian stations, please send me your data from the 13th to 16th to azariven@... Thank you very much!

148. Additional information for April 14th earthquake in Qingdao, China

Yahoo group: Super_SID
Date: 2010-04-16 03:37:12 UTC
From: PXD Azariven (JZ)
Topic: 148 Message: 148
Attachments: 1 described; binary payloads are missing from this source WARC

I've looked through my data for the 13th and 14th. it's from 12:39UTC on the 13th too 0:00UTC on the 14th.(It's in attachment) My site is in 8 hours a head of UTC. Useful data starts at 15:00 UTC, or 11:00pm Beijing time, when I given up calibrating and left the station. (previous rises and falls you may see are results of calibration. I perfer the logging continue while I calibrate so I can get a sense of how it's changing.). So say, eventhough it's not perfectly calibrated to +1.5V~+2.0V as required for night time, it can still be useful. The drop at sunrise is observed at 22:02 UTC (or 6:02am here), but the data soon sky-rocket at 23:18UTC, (or 7:18am). Since my site is 113E, so it's 28 minute behind Beijing time. So when it's 7:18am here, it's 7:46am for Beijing Time. And as we all know, the Earthquake happened at 7:49am.

I thought it was my equipment's problem (since i was still calibrating) and I shut it down and did another full check, so the data from 0:00UTC till 14:00UTC on the 14th is not valid data.

So far data is scarce so no conclusions can be drawn for relations between the SIDs and earthquakes. Yet more hypotheses are coming out of my mind every moment went by.

Thank you for every one's support!

--
Zhuchang Zhan
SSAA President

ssastronomy@...

149. RE: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-16 12:04:49 UTC
From: Dale
Topic: 117 Message: 149

I am using comcast broadband from my house. The only thing that I need a login and password is for my email. But, I'll try my comcast login and password to see if that works.

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of PXD Azariven (JZ)
Sent: Thursday, April 15, 2010 8:10 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Data format for upload

Are you using ADSL or Broadband or is it campus internet connection? It could be the Username and password required for you to link to the internet?

I'm using ADSL and everytime I connect with the internet, a username and password is require. Try type in that if it is so with your case and see if it works.

2010/4/16 Dale <dhagert@comcast. <mailto:dhagert@...> net>

I am using Windows7 computer dedicated to radio astronomy and I am the only user. I have tried using Ipswitch WS_FTP & Filezilla and both ask for a login & password.

From: Super_SID@yahoogrou <mailto:Super_SID@yahoogroups.com> ps.com [mailto:Super_SID@yahoogrou <mailto:Super_SID@yahoogroups.com> ps.com] On Behalf Of WILLIAM & MELINDA LORD
Sent: Wednesday, April 14, 2010 7:06 PM

To: Super_SID@yahoogrou <mailto:Super_SID@yahoogroups.com> ps.com
Subject: RE: [Super_SID] Data format for upload

Are you trying to schdule your computer to do the ftp? The login and password is not required for SuperSID, so it may be with how your computer is set up. Does the login you are using have "rights" as an administrator on your computer? Are you using X-P, Vista or Windows 7?

Bill & Melinda Lord
www.tnSkyNet. <http://www.tnskynet.com/> com
www.radio-astronomy <http://www.radio-astronomy.org/> .org

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--- On Wed, 4/14/10, Dale <dhagert@comcast. <mailto:dhagert@...>
net> wrote:

From: Dale <dhagert@comcast. <mailto:dhagert@...> net>
Subject: RE: [Super_SID] Data format for upload
To: Super_SID@yahoogrou <mailto:Super_SID@yahoogroups.com> ps.com
Date: Wednesday, April 14, 2010, 6:49 PM

I am unable to upload my data. I looked at the log and it says permission denied. When i tried to do it via FTP it is looking for a login id & password. I can find no information od what to do or use for a login & password. Help!

_____

From: Super_SID@yahoogrou ps.com <http://ps.com/> [mailto:Super_
SID@yahoogroups. com] On Behalf Of WILLIAM & MELINDA LORD
Sent: Wednesday, April 14, 2010 4:22 PM
To: Super_SID@yahoogrou ps.com <http://ps.com/>
Subject: Re: [Super_SID] Data format for upload

Link to manual http://solar- center.stanford.
<http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/Do
c/> edu/SID/Distribu tion/SuperSID/ supersid_ v1_1/Doc/

Bill & Melinda Lord
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--- On Wed, 4/14/10, Marcus D. Leech <mleech@ripnet. com> wrote:

From: Marcus D. Leech <mleech@ripnet. com>
Subject: Re: [Super_SID] Data format for upload
To: Super_SID@yahoogrou ps.com <http://ps.com/>
Cc: "Dave Benham" <dad@dodgeboy. net>
Date: Wednesday, April 14, 2010, 10:40 AM

On 04/06/2010 12:39 AM, Dave Benham wrote:

Page 29 of the SuperSID manual?

Ahhh. Just saw this now.

Where is the SuperSID manual? (I'm not running SuperSID, I have my own stuff).

--

Principal Investigator

Shirleys Bay Radio Astronomy Consortium

http://www.sbrac. org <http://www.sbrac.org/>

--
Zhuchang Zhan
SSAA President

ssastronomy@ <mailto:ssastronomy@...> 163.com

150. (no subject)

Yahoo group: Super_SID
Date: 2010-04-17 09:14:00 UTC
From: DIVYADARSHAN PUROHIT
Topic: 150 Message: 150
Attachments: 3 described; binary payloads are missing from this source WARC

Dear Friends,
With great sorrow I am saying that my mother is now no more with us.Her divine soul left her physical body on last Tuesday 13/04/2010 at 10.00 AM IST.According to her wish we donate her eyes,other organs were not be usable to donate as per doctors advice.

We all family members are facing a very deep endless darkness now a days.

She was priest of goddess Gayatri & she left her body in our temple.
Please now pray for her so she may get divine peace in heaven.
regards

Divyadarshan D.Purohit & family
Gurudev Observatory,
Vadodara
India

151. Re: [Super_SID] [3 Attachments]

Yahoo group: Super_SID
Date: 2010-04-18 23:56:16 UTC
From: Ken Hubal
Topic: 150 Message: 151

Divyadarshan:

My deepest condolances on the loss of your mother. May she find eternal peace amongst the heavens.

Ken Hubal
Seville, Ohio USA

Starstuff Solar Observatory

From: DIVYADARSHAN PUROHIT <divyadarshan63@...>
To: WILLIAM & MELINDA LORD <ap_guardian@...>; Victor Herrero <hubbleed@...>; Deborah Scherrer <dscherrer@...>; super_sid <Super_SID@yahoogroups.com>; radio_jove <Radio_JOVE@yahoogroups.com>; Radio Jove NASA GSFC <radiojove@listserv.gsfc.nasa.gov>
Sent: Sat, April 17, 2010 5:14:00 AM
Subject: [Super_SID] [3 Attachments]

[Attachment(s) from DIVYADARSHAN PUROHIT included below]

Dear Friends,
With great sorrow I am saying that my mother is now no more with us.Her divine soul left her physical body on last Tuesday 13/04/2010 at 10.00 AM IST.According to her wish we donate her eyes,other organs were not be usable to donate as per doctors advice.

We all family members are facing a very deep endless darkness now a days.

She was priest of goddess Gayatri & she left her body in our temple.
Please now pray for her so she may get divine peace in heaven.
regards

Divyadarshan D.Purohit & family
Gurudev Observatory,
Vadodara
India

152. Amplifiers

Yahoo group: Super_SID
Date: 2010-04-20 22:40:32 UTC
From: Marcus D. Leech
Topic: 152 Message: 152

So, I've been looking at the specs of modern microphone preamplifiers,
and many of them are dead-flat
from around 10Hz to 100KHz. So, I picked up a Behringer MIC800 today
(CDN$59.95, which is about
US$175.00 ;-) reverse currency joke), and it seems to work very
well. I leave the limiter set to "neutral",
and the "tube-like" warmth control set to "cold". It's bringing NML
up out of the mud quite well, and I can
now also reliably see NLK in Washington, although it's quite weak.

These microphone amplifiers are typically wide-bandwidth OP-amps,
similar to what the SuperSID amplifier
would use. The input is balanced, which is perfect for a loop
antenna--looks to the amplifier a little like
a balanced dynamic microphone!

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

153. New version of SID SDR code

Yahoo group: Super_SID
Date: 2010-04-21 00:49:15 UTC
From: Marcus D. Leech
Topic: 153 Message: 153

http://www.sbrac.org/files/sidsuite.tar.gz

I've decided to call it the "SID Suite". If it had a mascot, he'd be
called "Sweet Sid" :-)

It now opens two windows:

o An FFT spectral display and Waterfall
o The channel output power "scope" display

It produces phase estimate averages in phase_neg-YYYYMMDD.dat and
phase_pos-YYYYMMDD.dat files,
if you select one of the channels for demodulation, else it doesn't
produce any data in these files.
That feature is very experimental, and uses a simple complex-math
transformation to extract the
instantaneous phase angle from the channel data, and then there's a
support program, "sid_phaser",
that extracts positive and negative phase angles separately
(otherwise, the data would average to
zero).

The channel filters have become slightly more aggressive again, with 10%
transition bandwidth instead
of the previous 20%. This will make the filters consume a little more
CPU, but they'll be better filters.
The 50/60Hz notch filter bank is back in--I keep changing my mind
about it :-)

You can use a "-help" flag to "sidstart" to provide some assistance with
the various command-line options,
of which there are, to use a legal phrase, "a plethora". :-)

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

154. Re: [Super_SID] New version of SID SDR code

Yahoo group: Super_SID
Date: 2010-04-21 01:01:28 UTC
From: PXD Azariven (JZ)
Topic: 153 Message: 154

Hi Marcus,

How should I use ".tar.gz" ? what kind of program should I operate it with?

Thanks.

Zhuchang

2010/4/21 Marcus D. Leech <mleech@ripnet.com>

>
>
> http://www.sbrac.org/files/sidsuite.tar.gz
>
> I've decided to call it the "SID Suite". If it had a mascot, he'd be
> called "Sweet Sid" :-)
>
> It now opens two windows:
>
> o An FFT spectral display and Waterfall
> o The channel output power "scope" display
>
> It produces phase estimate averages in phase_neg-YYYYMMDD.dat and
> phase_pos-YYYYMMDD.dat files,
> if you select one of the channels for demodulation, else it doesn't
> produce any data in these files.
> That feature is very experimental, and uses a simple complex-math
> transformation to extract the
> instantaneous phase angle from the channel data, and then there's a
> support program, "sid_phaser",
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> The channel filters have become slightly more aggressive again, with 10%
> transition bandwidth instead
> of the previous 20%. This will make the filters consume a little more
> CPU, but they'll be better filters.
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> about it :-)
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> You can use a "-help" flag to "sidstart" to provide some assistance with
> the various command-line options,
> of which there are, to use a legal phrase, "a plethora". :-)
>
> --

> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>
>
>

--
Zhuchang Zhan
SSAA President

ssastronomy@...

155. Re: [Super_SID] New version of SID SDR code

Yahoo group: Super_SID
Date: 2010-04-21 01:06:43 UTC
From: Marcus D. Leech
Topic: 153 Message: 155

On 04/20/2010 09:01 PM, PXD Azariven (JZ) wrote:
>
> Hi Marcus,
>
> How should I use ".tar.gz" ? what kind of program should I operate it
> with?
>
> Thanks.
>
> Zhuchang
>
>
This program suite is for Linux, you'd use "tar" to unpack it. It
relies on the underlying Gnu Radio
suite of tools as well.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

156. Re: [Super_SID] New version of SID SDR code

Yahoo group: Super_SID
Date: 2010-04-21 12:11:24 UTC
From: Rajmohan Kombiyil
Topic: 153 Message: 156

On the linux terminal unpack the gzipped tarball as:

$ tar -xzvf sidsuite.tar.gz

You might want to create a directory first, called something like sidsuite and move the tarfile there and unpack it, since in this case it doesn't do that.

In windows, winzip should be able to unpack it easily and give you the contents of the directory.

I haven't had a chance to test your programs (end sem exams going on here, so we haven't had time to get our SuperSID up and running!), but it sure looks cool from your emails. Nice job Marcus.

--Raj

--- On Wed, 4/21/10, Marcus D. Leech <mleech@...> wrote:

From: Marcus D. Leech <mleech@...>
Subject: Re: [Super_SID] New version of SID SDR code
To: Super_SID@yahoogroups.com
Date: Wednesday, April 21, 2010, 10:06 AM

On 04/20/2010 09:01 PM, PXD Azariven (JZ) wrote:

Hi Marcus,

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operate it with?

Thanks.

Zhuchang

This program suite is for Linux, you'd use "tar" to unpack it. It
relies on the underlying Gnu Radio

  suite of tools as well.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac. org

157. Audio snippet of NAA

Yahoo group: Super_SID
Date: 2010-04-22 04:52:06 UTC
From: Marcus D. Leech
Topic: 157 Message: 157

I modified my software to down-shift a little chunk of audio spectrum
into the normal-human-hearing
range.

Here's a snippet of mostly NAA, some clicks 'n pops, and NML waaay down
there:

http://www.sbrac.org/files/vlf.mp3

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

158. Re: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-22 21:46:30 UTC
From: Marcus D. Leech
Topic: 117 Message: 158

On 04/15/2010 05:09 PM, Dale wrote:
>
>
> I am using Windows7 computer dedicated to radio astronomy and I am the
> only user. I have tried using Ipswitch WS_FTP & Filezilla and both ask
> for a login & password.
>
Ok, so what *are* the details of the FTP server at Stanford for
collecting SID data?

I think my scripts can now produce .csv files that are compatible with
the SuperSID software.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

159. Re: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-23 01:35:58 UTC
From: WILLIAM & MELINDA LORD
Topic: 117 Message: 159

Here are instructions to send SID data from a location other than the machine SuperSID is loaded on. It has the ftp location.

1 - On the machine that's connected to the internet, download th SIDsend.txt attachment and save it in C\SOLARSID\Bin\SIDsend.bat Note that you'll need to rename the file from .txt to .bat (cause it's not wise to send .bat files as email attachments). The file is a simple script, with explanatory comments. So you might like to browse through it.

2 - Download the ftp_cmds.TXT file and save it in C:\SOLARSID\Conf\ftp_cmds.TXT

3 - Set up/create the directory C:\SOLARSID\ToSend.

4 - Collect the data files from your SuperSID machine and copy them to
the ToSend directory on your internet machine.

5 - Run the C:\SOLARSID\Bin\SIDsend.bat script.

That should take all your files in ToSend and ftp them to our sid-ftp.stanford.edu machine. It will then delete the files that it sends.   Repeat daily or as needed.

There are some caveats -- the ftp program does not generate an error code. So you don't really know if the transfer was successful or not. Best way to find out is to let me know when
you run the first try. Then I'll go check to see that the files have arrived, or read the ftp
logs to find out why they might not be there.. Once you are sure the
script works, then you shouldn't have to worry about checking it again.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Thu, 4/22/10, Marcus D. Leech <mleech@ripnet.com> wrote:

From: Marcus D. Leech <mleech@...>
Subject: Re: [Super_SID] Data format for upload
To: Super_SID@yahoogroups.com
Cc: "Dale" <dhagert@...>
Date: Thursday, April 22, 2010, 4:46 PM

On 04/15/2010 05:09 PM, Dale wrote:

I am using Windows7 computer dedicated to radio astronomy and I am the only user. I have tried using Ipswitch WS_FTP & Filezilla and both ask for a login & password.
Ok, so what *are* the details of the FTP server at Stanford for collecting SID data?

I think my scripts can now produce .csv files that are compatible with the SuperSID software.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac. org

160. Re: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-23 02:09:31 UTC
From: Marcus D. Leech
Topic: 117 Message: 160

On 04/22/2010 09:35 PM, WILLIAM & MELINDA LORD wrote:
>
>
> Here are instructions to send SID data from a location other than the
> machine SuperSID is loaded on. It has the ftp location.
>
> 1 - On the machine that's connected to the internet, download th
> SIDsend.txt attachment
> and save it in C\SOLARSID\Bin\SIDsend.bat Note that you'll need to
> rename the file
> from .txt to .bat (cause it's not wise to send .bat files as email
> attachments). The file
> is a simple script, with explanatory comments. So you might like to
> browse through it.
>
> 2 - Download the ftp_cmds.TXT file and save it in
> C:\SOLARSID\Conf\ftp_cmds.TXT
>
> 3 - Set up/create the directory C:\SOLARSID\ToSend.
>
> 4 - Collect the data files from your SuperSID machine and copy them to
> the ToSend directory on your internet machine.
>
> 5 - Run the C:\SOLARSID\Bin\SIDsend.bat script.
>
> That should take all your files in ToSend and ftp them to our
> sid-ftp.stanford.edu <http://sid-ftp.stanford.edu> machine.
> It will then delete the files that it sends. Repeat daily or as needed.
>
> There are some caveats -- the ftp program does not generate an error
> code. So you don't
> really know if the transfer was successful or not. Best way to find
> out is to let me know when
> you run the first try. Then I'll go check to see that the files have
> arrived, or read the ftp
> logs to find out why they might not be there.. Once you are sure the
> script works, then you shouldn't have to worry about checking it again.
>
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
Bill:

Could you send me a copy of an example SIDsend.bat script and also an
example real actual data file,
so that I can verify that my format converter works properly?

Cheers!

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

161. New sidsuite.tar.gz

Yahoo group: Super_SID
Date: 2010-04-23 06:13:55 UTC
From: Marcus D. Leech
Topic: 161 Message: 161

New SID Suite file is up on:

http://www.sbrac.org/files/sidsuite.tar.gz

Unpack the tar file into a directory, then in that directory:

make -f Makefile.sidsuite install

You must already have a working version of Gnu Radio installed on your
system, preferrably very recent
and built from GIT source

This "kit" installs itself into your $HOME/bin directory.

Also, when you run "sidstart" for the first time, it creates a
$HOME/sid_data directory for the data
files to go into.

There are some new commands:

sidship - for shipping daily data to the Stanford SID site
sidplot - for creating plots from data that has been processed
with "sidprocess"

All the commands include a "-help" option that provides a small amount
of help information.

This stuff is all intended for a Linux system. The scripts assume that
various things are there:

gnuplot
awk
tr
sed

probably other things as well--I always have my system setup to have
all the "software geek
friendly" tools lying around, so I don't always know when I've
relied on something that wouldn't
ordinarily be there on a "base" system install. Your mileage may
vary. Void where prohibited.
Batteries not included. Some assembly required. This software was
created in a facility that isn't
guaranteed to be allergen-free. Some scenes may frighten. This
program contains sections that
are known to the state of California to cause late nights and twinky
cravings. Exercise caution.
Contents may have settled in shipping. Drink is HOT. No user

servicable parts inside. This vehicle
stops at all railway crossings. Kilroy was here.

And of course, if you don't have any of the software-development tools
installed, you won't be able to
build the small "C" programs that are used to deal with the very "raw"
output of the Gnu Radio
SDR signal processing core.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

162. Re: [Super_SID] Data format for upload

Yahoo group: Super_SID
Date: 2010-04-24 12:21:30 UTC
From: WILLIAM & MELINDA LORD
Topic: 117 Message: 162
Attachments: 1 described; binary payloads are missing from this source WARC

Marcus,
Here is a data file. I will send the rest of the info in another e-mail.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Thu, 4/22/10, Marcus D. Leech <mleech@...> wrote:

From: Marcus D. Leech <mleech@...>
Subject: Re: [Super_SID] Data format for upload
To: Super_SID@yahoogroups.com
Cc: "WILLIAM & MELINDA LORD" <ap_guardian@...>
Date: Thursday, April 22, 2010, 9:09 PM

On 04/22/2010 09:35 PM, WILLIAM & MELINDA LORD wrote:

Here are instructions to send SID data from a location other than the machine SuperSID is loaded on. It has the ftp location.

1 - On the machine that's connected to the internet, download th SIDsend.txt attachment and save it in C\SOLARSID\Bin\ SIDsend.bat Note that you'll need to rename the file from .txt to .bat (cause it's not wise to send .bat files as email attachments) . The file is a simple script, with explanatory comments. So you might like to browse through it.

2 - Download the ftp_cmds.TXT file and save it in C:\SOLARSID\ Conf\ftp_ cmds.TXT

3 - Set up/create the directory C:\SOLARSID\ ToSend.

4 - Collect the data files from your SuperSID machine and copy them to
the ToSend directory on your internet machine.

5 - Run the C:\SOLARSID\ Bin\SIDsend. bat script.

That should take all your files in ToSend and ftp them to our sid-ftp.stanford. edu machine.
It will then delete the files that it sends.   Repeat daily or as needed.

There are some caveats -- the ftp program does not generate an error code. So you don't really know if the transfer was successful or not. Best way to find out is to let me know when
you run the first try. Then I'll go check to see that the files have arrived, or read the ftp
logs to find out why they might not be there.. Once you are sure the

script works, then you shouldn't have to worry about checking it again.

Bill & Melinda Lord
www.tnSkyNet. com
www.radio-astronomy .org

Bill:

Could you send me a copy of an example SIDsend.bat script and also an example real actual data file,
  so that I can verify that my format converter works properly?

Cheers!

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac. org

163. B-class X-ray event in Goes 12 data today

Yahoo group: Super_SID
Date: 2010-04-25 01:05:28 UTC
From: Marcus D. Leech
Topic: 163 Message: 163

There's a B-class X-ray event showing up in the Goes 12 data, from 22:56
to 23:07--anybody see anything
in SuperSID data?

I got a bit of a bump in an otherwise-quiet day, but a few minutes
later. I confirmed that my system time is
within about 20milliseconds of UTC.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

164. Re: B-class X-ray event in Goes 12 data today

Yahoo group: Super_SID
Date: 2010-04-25 06:36:49 UTC
From: abrandi2000
Topic: 163 Message: 164

Hallo Marcus,

you mean this X-Ray
-- snip --
3000 2256 2301 2307 G14 5 XRA 1-8A B1.1 5.8E-05
-- snap --
From my expirience it is not possible to see a B1.1 with VLF observing. Maybe on the right time, frequency and distance it is possible to observe a B7.5 But on normal condition it should be a C1.0 - C1.5
regards
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> There's a B-class X-ray event showing up in the Goes 12 data, from 22:56
> to 23:07--anybody see anything
> in SuperSID data?
>
> I got a bit of a bump in an otherwise-quiet day, but a few minutes
> later. I confirmed that my system time is
> within about 20milliseconds of UTC.
>
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

165. Re: [Super_SID] Re: B-class X-ray event in Goes 12 data today

Yahoo group: Super_SID
Date: 2010-04-25 15:36:11 UTC
From: JGAVELLONE@aol.com
Topic: 163 Message: 165

Marcus & Karl-Heinz:
My experience also. (NAA Cutler, Maine signal).
John Avellone

In a message dated 4/25/2010 2:40:02 A.M. Eastern Daylight Time,
karl-heinz.gansel@... writes:

From my expirience it is not possible to see a B1.1 with VLF observing.
Maybe on the right time, frequency and distance it is possible to observe a
B7.5 But on normal condition it should be a C1.0 - C1.5
regards
Karl-Heinz

166. Re: [Super_SID] Re: B-class X-ray event in Goes 12 data today

Yahoo group: Super_SID
Date: 2010-04-25 17:22:35 UTC
From: Marcus D. Leech
Topic: 163 Message: 166

On 04/25/2010 02:36 AM, abrandi2000 wrote:
>
>
>
>
> Hallo Marcus,
>
> you mean this X-Ray
> -- snip --
> 3000 2256 2301 2307 G14 5 XRA 1-8A B1.1 5.8E-05
> -- snap --
> >From my expirience it is not possible to see a B1.1 with VLF
> observing. Maybe on the right time, frequency and distance it is
> possible to observe a B7.5 But on normal condition it should be a C1.0
> - C1.5
> regards
> Karl-Heinz
>
Yes, that's the one. It was a Goes 14, detection rather than a Goes 12.

> .
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

167. Odd SuperSID phenomenon

Yahoo group: Super_SID
Date: 2010-04-26 22:32:26 UTC
From: Dave Benham
Topic: 167 Message: 167
Attachments: 2 described; binary payloads are missing from this source WARC

Hi,

I hope you can explain this phenomenon that I ran across in Saturday's data.

At about 18:06GMT I stopped data collection for less than a minute so I could add NAU to the config file and restart SuperSID.

Note how "fuzzy" the data was before I did this (see the vertical "dividing line" just to the right of 18:00). The data follow the same curve after 18:00, but don't seem to have the same fluctuation about it.

As best I can remember, all I did was save the buffer, stop SuperSID, and restart it. I don't recall even touching the SuperSID can.

I did later merge the saved buffer data with the remainder of the day's data but that shouldn't have added this fluctuation. It's present in all my files for April 24.

Do you or your cohorts have any idea what's going on?

Thanks.

Dave

168. Lightning protection

Yahoo group: Super_SID
Date: 2010-04-26 23:51:49 UTC
From: Marcus D. Leech
Topic: 168 Message: 168

I've used these for years, and I'm using one for my SID receiver now,
too. Just thought people might be
interested in cheap lightning protection:

http://www.summitsource.com/coaxial-surge-protector-inline-suppressor-surgender-spike-jayco-se10-52300-mhz-satellite-dish-offair-tv-aerial-antenna-signal-video-coaxial-cable-lightning-strike-electrical-part-se10-p-7624.html?manufacturers_id=

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

169. FW: Odd SuperSID phenomenon - clue?

Yahoo group: Super_SID
Date: 2010-04-27 00:12:47 UTC
From: Dave Benham
Topic: 169 Message: 169
Attachments: 2 described; binary payloads are missing from this source WARC

One thing I should mention. I've bastardized my SuperSID to copy data on 12 stations. I just copied the format, changed each station to a different number and given the total station count above, all in the config file. It seems to work fine, but I have no idea what the sample "on" time is for each of the 5 second samples. I may have disturbed something by doing that.

When the change showed up at 18:07 GMT, I had just added the 12th station. Before that for several days I was doing 11 stations. The data fluctuation issue seems to have shown up on 4/24 (perhaps a little on 4/23, but not as severe).

If you need complete files, or more charts or information from me, let me know. Also, please let me know if I shouldn't have added the extra stations. Some of my "stations" are just noise frequencies that I'm using to track down our noise issues.

Thanks.

Regards,
Dave

From: Dave Benham [mailto:dad@...]
Sent: Monday, April 26, 2010 6:32 PM
To: 'Deborah Scherrer'; 'Super_SID@yahoogroups.com'
Subject: Odd SuperSID phenomenon

Hi,

I hope you can explain this phenomenon that I ran across in Saturday's data.

At about 18:06GMT I stopped data collection for less than a minute so I could add NAU to the config file and restart SuperSID.

Note how "fuzzy" the data was before I did this (see the vertical "dividing line" just to the right of 18:00). The data follow the same curve after 18:00, but don't seem to have the same fluctuation about it.

As best I can remember, all I did was save the buffer, stop SuperSID, and restart it. I don't recall even touching the SuperSID can.

I did later merge the saved buffer data with the remainder of the day's data but that shouldn't have added this fluctuation. It's present in all my files for April 24.

Do you or your cohorts have any idea what's going on?

Thanks.

Dave

170. Re: [Super_SID] FW: Odd SuperSID phenomenon - clue?

Yahoo group: Super_SID
Date: 2010-04-27 00:25:21 UTC
From: Marcus D. Leech
Topic: 169 Message: 170

On 04/26/2010 08:12 PM, Dave Benham wrote:
>
>
> One thing I should mention. I've bastardized my SuperSID to copy data
> on 12 stations. I just copied the format, changed each station to a
> different number and given the total station count above, all in the
> config file. It seems to work fine, but I have no idea what the
> sample "on" time is for each of the 5 second samples. I may have
> disturbed something by doing that.
>
>
>
> When the change showed up at 18:07 GMT, I had just added the 12th
> station. Before that for several days I was doing 11 stations. The
> data fluctuation issue seems to have shown up on 4/24 (perhaps a
> little on 4/23, but not as severe).
>
>
>
> If you need complete files, or more charts or information from me, let
> me know. Also, please let me know if I shouldn't have added the extra
> stations. Some of my "stations" are just noise frequencies that I'm
> using to track down our noise issues.
>
>
>
> Thanks.
>
>
>
> Regards,
>
> Dave
>
>
I don't run SuperSID, but is there a post-detector integration-time
parameter that is settable both in the
config file, and the run-time, or perhaps a default value at startup?

Could you have, at some point in the past, changed the integration time
in the application while running,
and then it would revert back after you restarted it?

It definitely looks like the issue to me, and if it were the software I
was running, that's precisely what

the issue would have been :-)

>
>
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

171. Re: [Super_SID] FW: Odd SuperSID phenomenon - clue?

Yahoo group: Super_SID
Date: 2010-04-27 00:44:37 UTC
From: Marcus D. Leech
Topic: 169 Message: 171

On 04/26/2010 08:34 PM, Deborah Scherrer wrote:
> Marcus, there should be no problem with tracking 12 stations. There
> should
> be nothing you disturbed.
>
> Debbie
>
Debbie:

You dropped a level of indirection. It was David Benham who was having
the issue--I was merely offering
my opinion, from a point of relative ignorance about how SuperSID
works :-)

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

172. New sidsuite.tar.gz

Yahoo group: Super_SID
Date: 2010-04-27 03:00:04 UTC
From: Marcus D. Leech
Topic: 161 Message: 172

This version includes some robustness fixes in processing command line
arguments to the scripts.

It also now will save the values of some of the GUI controls, so that
when you restart, the controls will
be where you previously left them. This applies to:

o channel bandwidth
o integration time
o demodulation channel number
o channel frequencies for all 4 channels

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

173. Update to sidsuite.tar.gz

Yahoo group: Super_SID
Date: 2010-04-27 16:11:53 UTC
From: Marcus D. Leech
Topic: 173 Message: 173

```
http://www.sbrac.org/files/sidsuite.tar.gz

Fixes bugs in "sidstart" found by Trond last night.

Unpack the "tar" file into an empty directory, then:

make -f Makefile.sidsuite install

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org
```

174. SuperSID and Windows 7 64-bit anyone?

Yahoo group: Super_SID
Date: 2010-04-27 20:37:22 UTC
From: ralph955i
Topic: 174 Message: 174

Hi all,

had SuperSID running on my laptop using Windows Vista and decided to switch to my brand new desktop computer. But for reasons I don't know SuperSID doesn't start properly on the new Window 7 64-bit Premium Home machine:

When I start the SuperSID program I see a small window with some information but I can't it read because the window closes after some milliseconds. When I start SuperSID in (e.g. Vista or XP) compability mode I get a message in the status line which tells me that site_name is not found in the config file! But the site_name entry exists (I've double checked this), so I have no clue what's going on here!

Anybody with an idea what's happing here or some magic startup options ;)?

Ralph

175. Re: [Super_SID] SuperSID and Windows 7 64-bit anyone?

Yahoo group: Super_SID
Date: 2010-04-27 23:33:14 UTC
From: WILLIAM & MELINDA LORD
Topic: 174 Message: 175

Ralph,
Double check your sound card settings in the control panel. When you get the program popping open and immediately closing it is usally a sound card setting issue or even the config file.

Is the SuperSID program and config file in the same location on your computer? (I.e. both in C; drive or whatever)

As for the site name, be sure you do not have extra spaces or an extra = in the config file. Your site name should not have any spaces- letters, numbers or underscore seem to work fine.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Tue, 4/27/10, ralph955i <ralph@...> wrote:

From: ralph955i <ralph@...>
Subject: [Super_SID] SuperSID and Windows 7 64-bit anyone?
To: Super_SID@yahoogroups.com
Date: Tuesday, April 27, 2010, 3:37 PM

Hi all,

had SuperSID running on my laptop using Windows Vista and decided to switch to my brand new desktop computer. But for reasons I don't know SuperSID doesn't start properly on the new Window 7 64-bit Premium Home machine:

When I start the SuperSID program I see a small window with some information but I can't it read because the window closes after some milliseconds. When I start SuperSID in (e.g. Vista or XP) compability mode I get a message in the status line which tells me that site_name is not found in the config file! But the site_name entry exists (I've double checked this), so I have no clue what's going on here!

Anybody with an idea what's happing here or some magic startup options ;)?

Ralph

176. Using nails to attach antenna frames?

Yahoo group: Super_SID
Date: 2010-04-28 07:24:36 UTC
From: Pektas
Topic: 176 Message: 176

Hi everyone!

I am going to assemble a wooden square antenna (1x1 meter) for SuperSID. I will attach wooden sticks with speacial adhesive but I want to use also nails in order to strenghten it. I wanted to use copper nails but I couldn't find it.. Can I use steel or iron nails on antenna frame? Are copper nails necessary, or not?

Have a nice monitoring!

R. PEKTAS

177. Re: [Super_SID] Using nails to attach antenna frames?

Yahoo group: Super_SID
Date: 2010-04-28 08:12:51 UTC
From: DIVYADARSHAN PUROHIT
Topic: 176 Message: 177

Dear R.Pektas,
Good work & vision.I have used iron nail in my diamond shape antenna made up
of FRP material but till today I do not get any problem in receiving signals
or any mechanical strengthening problem.I think you may use the same
material as nail.
best wishes for your new setup.
regards
Divyadarshan D.Purohit
Gurudev Obsevatory,
Vadodara
India

On Wed, Apr 28, 2010 at 12:54 PM, Pektas <riza.pektas@...> wrote:

>
>
> Hi everyone!
>
> I am going to assemble a wooden square antenna (1x1 meter) for SuperSID. I
> will attach wooden sticks with speacial adhesive but I want to use also
> nails in order to strenghten it. I wanted to use copper nails but I couldn't
> find it.. Can I use steel or iron nails on antenna frame? Are copper nails
> necessary, or not?
>
> Have a nice monitoring!
>
> R. PEKTAS
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

178. Re: Using nails to attach antenna frames?

Yahoo group: Super_SID
Date: 2010-04-28 08:31:30 UTC
From: Pektas
Topic: 176 Message: 178

Dear D.Purohit,

Thank you for your good wishes and for your answer!
I will try to use iron nails on antenna frames (about 8 pieces).

If someone has an other idea or comment, we'll take into consideration.

Greetings to India from Istanbul.

Have a nice monitoring to all!

Regards,

R. PEKTAS

--- In Super_SID@yahoogroups.com, DIVYADARSHAN PUROHIT <divyadarshan63@...> wrote:
>
> Dear R.Pektas,
> Good work & vision.I have used iron nail in my diamond shape antenna made up
> of FRP material but till today I do not get any problem in receiving signals
> or any mechanical strengthening problem.I think you may use the same
> material as nail.
> best wishes for your new setup.
> regards
> Divyadarshan D.Purohit
> Gurudev Obsevatory,
> Vadodara
> India
>
> On Wed, Apr 28, 2010 at 12:54 PM, Pektas <riza.pektas@...> wrote:
>
> > >
> > >
> > > Hi everyone!
> > >
> > > I am going to assemble a wooden square antenna (1x1 meter) for SuperSID. I
> > > will attach wooden sticks with speacial adhesive but I want to use also
> > > nails in order to strenghten it. I wanted to use copper nails but I couldn't
> > > find it.. Can I use steel or iron nails on antenna frame? Are copper nails
> > > necessary, or not?
> > >
> > > Have a nice monitoring!
> > >
> > > R. PEKTAS
> > >
> > >
> > >

>
>
>
> --
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
>

179. Re: [Super_SID] Re: Using nails to attach antenna frames?

Yahoo group: Super_SID
Date: 2010-04-28 08:37:52 UTC
From: DIVYADARSHAN PUROHIT
Topic: 176 Message: 179

Dear R. PEKTAS,
I have used hexagonal bolt nut also with nail for strengthening the antenna as my antenna is having 6ft*6ft dia & 9ft height so I used more than 50 iron nails & 24 iron nut bolt.I also try to use the nail,nut bolt & any other metal part as much as far from wire loop.
Lord family would teach us more on this.
regards,
DDPurohit

On Wed, Apr 28, 2010 at 2:01 PM, Pektas <riza.pektas@...> wrote:

>
>
> Dear D.Purohit,
>
> Thank you for your good wishes and for your answer!
> I will try to use iron nails on antenna frames (about 8 pieces).
>
> If someone has an other idea or comment, we'll take into consideration.
>
> Greetings to India from Istanbul.
>
> Have a nice monitoring to all!
>
> Regards,
>
> R. PEKTAS
>
>
> --- In Super_SID@yahoogroups.com <Super_SID%40yahoogroups.com>,
> DIVYADARSHAN PUROHIT <divyadarshan63@...> wrote:
> >
> > Dear R.Pektas,
> > Good work & vision.I have used iron nail in my diamond shape antenna made
> up
> > of FRP material but till today I do not get any problem in receiving
> signals
> > or any mechanical strengthening problem.I think you may use the same
> > material as nail.
> > best wishes for your new setup.
> > regards
> > Divyadarshan D.Purohit
> > Gurudev Obsevatory,
> > Vadodara
> > India

> >
> > On Wed, Apr 28, 2010 at 12:54 PM, Pektas <riza.pektas@...> wrote:
> >
> > > >
> > > >
> > > > Hi everyone!
> > > >
> > > > I am going to assemble a wooden square antenna (1x1 meter) for
> SuperSID. I
> > > > will attach wooden sticks with speacial adhesive but I want to use also
> > > > nails in order to strenghten it. I wanted to use copper nails but I
> couldn't
> > > > find it.. Can I use steel or iron nails on antenna frame? Are copper
> nails
> > > > necessary, or not?
> > > >
> > > > Have a nice monitoring!
> > > >
> > > > R. PEKTAS
> > > >
> > > >
> > > >
> > >
> > >
> > >
> > > --
> > > Divyadarshan D.Purohit
> > > Gurudev Observatory,
> > > Vadodara
> > > India
> > >
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

180. Re: [Super_SID] Re: Using nails to attach antenna frames?

Yahoo group: Super_SID
Date: 2010-04-28 11:38:37 UTC
From: WILLIAM & MELINDA LORD
Topic: 176 Message: 180

R. Petkas and DD,

You can use iron/metal nails to construct the antenna, but be careful to keep these away from touching the antenna wire as it could cause problems.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 4/28/10, DIVYADARSHAN PUROHIT <divyadarshan63@...> wrote:

From: DIVYADARSHAN PUROHIT <divyadarshan63@...>
Subject: Re: [Super_SID] Re: Using nails to attach antenna frames?
To: Super_SID@yahoogroups.com
Date: Wednesday, April 28, 2010, 3:37 AM

Dear R. PEKTAS,
I have used hexagonal bolt nut also with nail for strengthening the antenna as my antenna is having 6ft*6ft dia & 9ft height so I used more than 50 iron nails & 24 iron nut bolt.I also try to use the nail,nut bolt & any other metal part as much as far from wire loop. Lord family would teach us more on this.
regards,
DDPurohit

On Wed, Apr 28, 2010 at 2:01 PM, Pektas <riza.pektas@ boun.edu. tr> wrote:

Dear D.Purohit,

Thank you for your good wishes and for your answer!
I will try to use iron nails on antenna frames (about 8 pieces).

If someone has an other idea or comment, we'll take into consideration.

Greetings to India from Istanbul.

Have a nice monitoring to all!

Regards,

R. PEKTAS

--- In Super_SID@yahoogrou ps.com, DIVYADARSHAN PUROHIT <divyadarshan63@ ...> wrote:
>
> Dear R.Pektas,
> Good work & vision.I have used iron nail in my diamond shape antenna made up
> of FRP material but till today I do not get any problem in receiving signals

> or any mechanical strengthening problem.I think you may use the same
> material as nail.
> best wishes for your new setup.
> regards
> Divyadarshan D.Purohit
> Gurudev Obsevatory,
> Vadodara
> India
>

> On Wed, Apr 28, 2010 at 12:54 PM, Pektas <riza.pektas@ ...> wrote:
>
> >
> >
> > Hi everyone!
> >
> > I am going to assemble a wooden square antenna (1x1 meter) for SuperSID. I
> > will attach wooden sticks with speacial adhesive but I want to use also
> > nails in order to strenghten it. I wanted to use copper nails but I couldn't
> > find it.. Can I use steel or iron nails on antenna frame? Are copper nails
> > necessary, or not?
> >
> > Have a nice monitoring!
> >
> > R. PEKTAS
> >
> >
> >
>
>
>

> --
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

181. Re: [Super_SID] Re: Using nails to attach antenna frames?

Yahoo group: Super_SID
Date: 2010-04-28 13:39:26 UTC
From: Marcus D. Leech
Topic: 176 Message: 181

On 04/28/2010 07:38 AM, WILLIAM & MELINDA LORD wrote:
>
>
> R. Petkas and DD,
>
> You can use iron/metal nails to construct the antenna, but be careful
> to keep these away from touching the antenna wire as it could cause
> problems.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
My antenna is a pair of crossed 2 x 4s, with long wood screws on each
end to support the wires.
Has no noticable effect on performance.

Keep in mind that there are *shielded* mag loops that are wrapped about
80% or more in a metal covering
that reduces 'E' field sensitivity, but has essentially zero effect on
'H' field sensitivity.

>
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

182. NAA nightly schedule

Yahoo group: Super_SID
Date: 2010-04-29 03:13:04 UTC
From: Marcus D. Leech
Topic: 182 Message: 182

I've discovered that NAA isn't exactly "precise" about when they cease
normal operations and do
"weird" stuff for an hour between (roughly, it turns out) 23:00 and
00:00. They started about 1 minute
early tonight. My clock is within about 20ms of UTC, so that's how I
know they started early :-)

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

183. The shape of things to come in my SIDSuite

Yahoo group: Super_SID
Date: 2010-04-29 05:26:02 UTC
From: Marcus D. Leech
Topic: 183 Message: 183

Here are some screen shots of my latest iteration of the SID Suite:

http://www.sbrac.org/SIDMain.png
http://www.sbrac.org/SIDChannels.png
http://www.sbrac.org/SIDSpectral.png

The latest (which isn't ready for release yet) provides:

o a proper "strip chart" display for the RMS powers for each of the
programmed channels

o 6 channels instead of 4 channels

o A nice waterfall display

o Organization into three "Tabs": 'Main', 'Channels', and 'Spectral'

o The ability to isolate a chunk of the audio spectrum, down-convert
it to DC, and listen to it
on the audio system

o The selected audio chunk is also sent to a MSK demodulator, and
the resulting "bits" displayed
on a scope graph. Getting the "right" bits requires fiddling
with the control that sets which part of
the audio spectrum you're looking at, and the filter width, etc.

o Some of the controls that you can set in the GUI are saved in
$HOME/.sidconfig, so that when you
re-start the application, it remembers those settings. Making
this extend to ALL of the GUI controls
will take a fair amount of "under the covers" work within Gnu
Radio proper, since many of those
controls can't even be set programmatically, let alone saved for
later use!

Releasing this "into the wild" will have to wait until the changes it
required to some of the underlying
Gnu Radio functionality (the Stripchart is entirely-new, for example)
are incorporated into the
main Gnu Radio developer tree.

At the same time, the post-processing tools have improved quite a bit.
More error handling, and slightly
better "-help" options. The 'sidprocess' tool now has a '-start' and
'-end' option that allows you to pick
a particular time period out of the data, and process, and then make a
graph from it using 'sidplot'.

Particularly useful for elucidating probable solar X-ray enhancements,
and other "interesting" bits
from your data.

The 'sidship' program that is used to make and FTP data files compatible
with the Stanford SID database will
now auto-configure itself when you first use it. It will prompt you
for site-related data, etc.

So, I started this work on March 20, in the middle of a SARA meeting.
Not bad for a "casual little experiment"
I'd say :-)

What will likely happen is that I'll get my own branch(es) of the Gnu
Radio GIT tree, and there'll be
a mechanism for fetching the "Marcus' branch" of the Gnu Radio code,
which includes the required
enhancements. Most, if not all, of them will eventually wind up in
the main developer "trunk" of
the Gnu Radio source tree. Once that happens, I'll post instructions
here, or maybe even come up
with an "install" script that you can run to fetch the appropriate Gnu
Radio "goop" and re-build, prior
to installing the SID receiver code.

Cheers
Marcus Leech

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

184. Re: Using nails to attach antenna frames?

Yahoo group: Super_SID
Date: 2010-04-29 06:31:20 UTC
From: Pektas
Topic: 176 Message: 184

Dear D.Purohit, dear Bill & Melinda and dear Leech,

Thank you very much for your information and for your comments!
I am going to build the antenna today or tomorrow. I hope everything will be fine.. I will share what's going on here just after I get a good signal :)

Have a nice monitoring and thanks again!

Regards,
Riza Pektas / Istanbul

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> On 04/28/2010 07:38 AM, WILLIAM & MELINDA LORD wrote:
> >
> >
> > R. Petkas and DD,
> >
> > You can use iron/metal nails to construct the antenna, but be careful
> > to keep these away from touching the antenna wire as it could cause
> > problems.
> >
> > Bill & Melinda Lord
> > www.tnSkyNet.com
> > www.radio-astronomy.org
> >
> > Light travels faster than sound. This is why some people appear bright
> > until you hear them speak. :-)
> >
> My antenna is a pair of crossed 2 x 4s, with long wood screws on each
> end to support the wires.
> Has no noticable effect on performance.
>
> Keep in mind that there are *shielded* mag loops that are wrapped about
> 80% or more in a metal covering
> that reduces 'E' field sensitivity, but has essentially zero effect on
> 'H' field sensitivity.
>
>
> >
> >
> >
>
>
> --
> Marcus Leech

> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

185. Re: [Super_SID] Re: Using nails to attach antenna frames?

Yahoo group: Super_SID
Date: 2010-04-29 08:51:48 UTC
From: DIVYADARSHAN PUROHIT
Topic: 176 Message: 185

Best wishes to Riza Pektas from Istanbul,
regards
ddpurohit

On Thu, Apr 29, 2010 at 12:01 PM, Pektas <riza.pektas@...> wrote:

>
>
> Dear D.Purohit, dear Bill & Melinda and dear Leech,
>
> Thank you very much for your information and for your comments!
> I am going to build the antenna today or tomorrow. I hope everything will
> be fine.. I will share what's going on here just after I get a good signal
> :)
>
> Have a nice monitoring and thanks again!
>
> Regards,
> Riza Pektas / Istanbul
>
> --- In Super_SID@yahoogroups.com <Super_SID%40yahoogroups.com>, "Marcus D.
> Leech" <mleech@...> wrote:
> >
> > On 04/28/2010 07:38 AM, WILLIAM & MELINDA LORD wrote:
> > >
> > >
> > > R. Petkas and DD,
> > >
> > > You can use iron/metal nails to construct the antenna, but be careful
> > > to keep these away from touching the antenna wire as it could cause
> > > problems.
> > >
> > > Bill & Melinda Lord
> > > www.tnSkyNet.com <http://www.tnskynet.com/>
> > > www.radio-astronomy.org
> > >
> > > Light travels faster than sound. This is why some people appear bright
> > > until you hear them speak. :-)
> > >
> > My antenna is a pair of crossed 2 x 4s, with long wood screws on each
> > end to support the wires.
> > Has no noticable effect on performance.
> >
> > Keep in mind that there are *shielded* mag loops that are wrapped about
> > 80% or more in a metal covering

> > that reduces 'E' field sensitivity, but has essentially zero effect on
> > 'H' field sensitivity.
> >
> >
> > >
> > >
> > >
> >
> >
> > --
> > Marcus Leech
> > Principal Investigator
> > Shirleys Bay Radio Astronomy Consortium
> > http://www.sbrac.org
> >
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

186. Fwd: FW: : THE IMPORTANCE OF YOUR RELIGION !

Yahoo group: Super_SID
Date: 2010-04-30 12:09:12 UTC
From: DIVYADARSHAN PUROHIT
Topic: 186 Message: 186
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Freinds,
Kindly find here with pps forwarded by my friend Amith Kumat an Indian Industrialist.
regards
DDPurohit

From: hnghenry@...
Date: Wed, 28 Apr 2010 22:13:14 +0800
Subject: : THE IMPORTANCE OF YOUR RELIGION !

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

187. Fwd: SAVE WATER

Yahoo group: Super_SID
Date: 2010-05-01 08:27:59 UTC
From: DIVYADARSHAN PUROHIT
Topic: 187 Message: 187
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Friends,
Let us take pledge to preserve the water on earth.See the attachment.
regards,
Divyadarshan D.Purohit

---------- Forwarded message ----------
From: kirtan desai <kirtan.desai4535@...>
Date: Sat, May 1, 2010 at 9:47 AM
Subject: Fwd: SAVE WATER
To: divyadarshan63@...

---------- Forwarded message ----------
From: kirtan desai <kirtan.desai4535@...>
Date: May 1, 2010 9:44 AM
Subject: Fwd: SAVE WATER
To: East Zone Shantikunj <eastzone.shantikunj@...>, MS RAO <
somesh@...>, srivastava_1963@..., yscomp@...,
ykgiri@..., urmil1312@..., rkdubey197@..., "
raju.vaishnaw@..." <raju.vaishnaw@...>

jay gurudev
pls wacth and get reply.

--
kirtan.desai.
Electronic Media Division
Shantikunj
Haridwar
INDIA
Ph.+919368052986
+919719004535
"IMPOSSIBLE, says itself I M Possible."
save water save life
visit us
www.awgp.org

--
kirtan.desai.
Electronic Media Division
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+919719004535
"IMPOSSIBLE, says itself I M Possible."

save water save life
visit us
www.awgp.org

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

188. Fwd:

Yahoo group: Super_SID
Date: 2010-05-02 00:55:27 UTC
From: Ken Hubal
Topic: 188 Message: 188

Let us all take measures to preserve this fragile, pale blue dot called Earth, the only home we have!!

Ken Hubal

189. Re: [Super_SID] Fwd:

Yahoo group: Super_SID
Date: 2010-05-02 08:31:16 UTC
From: DIVYADARSHAN PUROHIT
Topic: 188 Message: 189

Dear Ken Hubal,
You are absolutely true.Let us take all action for our mother =The Earth.
regards,
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

On Sun, May 2, 2010 at 6:25 AM, Ken Hubal <hubalkj@...> wrote:

>
>
> Let us all take measures to preserve this fragile, pale blue dot called
> Earth, the only home we have!!
>
>
> Ken Hubal
>
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

190. A brief ionospheric event?

Yahoo group: Super_SID
Date: 2010-05-02 15:16:50 UTC
From: Marcus D. Leech
Topic: 190 Message: 190

Here is a plot I just made of an event I saw in my data around 14:00 UTC.

http://www.sbrac.org/files/naa_nml_nlk_empty_empty2.png

I'm think that this may be an ionospheric event of some sort rather than
a local noise burst, because the
"empty" channels that I use as a reference saw nothing, whereas the
three occupied channels
corresponding to NAA, NML, and NLK all saw this event.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

191. 04.05.2010 16:30 C3,5 Solar activity

Yahoo group: Super_SID
Date: 2010-05-04 17:59:47 UTC
From: abrandi2000
Topic: 191 Message: 191

HI,

we got today 04.05.2010 16:15 UTC a nice C3,6 activity

very good visable at my online plots (every 30min update).

http://www.radio-astronomie.de/ra/qrg_19k5.jpg
http://www.radio-astronomie.de/ra/qrg_24k0.jpg
http://www.radio-astronomie.de/ra/qrg_66k6.jpg

regards
Karl-Heinz

192. Re: [Super_SID] 04.05.2010 16:30 C3,5 Solar activity

Yahoo group: Super_SID
Date: 2010-05-04 19:28:47 UTC
From: JGAVELLONE@aol.com
Topic: 191 Message: 192
Attachments: 1 described; binary payloads are missing from this source WARC

In a message dated 5/4/2010 2:03:32 P.M. Eastern Daylight Time,
karl-heinz.gansel@... writes:

HI,

we got today 04.05.2010 16:15 UTC a nice C3,6 activity

very good visable at my online plots (every 30min update).

http://www.radio-http://www.http://wwwhttp://w
(http://www.radio-astronomie.de/ra/qrg_19k5.jpg)
http://www.radio-http://www.http://wwwhttp://w
(http://www.radio-astronomie.de/ra/qrg_24k0.jpg)
http://www.radio-http://www.http://wwwhttp://w
(http://www.radio-astronomie.de/ra/qrg_66k6.jpg)

regards
Karl-Heinz

SID also noted here (Central Virginia). NAA (Curler Maine) 24kHz signal.
Chart attached (SkyPipe @ 10 samples/sec from E-W "Hula Hoop" antenna + VLF
> VHF upconverter + SW RX)

John Avellone
Nellysford,VA

193. Computer Program Questions

Yahoo group: Super_SID
Date: 2010-05-04 23:15:45 UTC
From: kb4dxv
Topic: 193 Message: 193

I tried installing the supersid program and got an error message: MSVCP71.dll not found. I deleted/reloaded/rebooted etc always with the same message. I do not have excell and wondered if radio sky pipe works as a data logger instead. I was not sure who to contact and any help would be appreciated. Jim

194. Re: [Super_SID] Computer Program Questions

Yahoo group: Super_SID
Date: 2010-05-05 01:03:21 UTC
From: WILLIAM & MELINDA LORD
Topic: 193 Message: 194

Look at a file on the SID group page
http://tech.groups.yahoo.com/group/Super_SID/files/ Fix dll errors.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Tue, 5/4/10, kb4dxv <kjcarson@...> wrote:

From: kb4dxv <kjcarson@...>
Subject: [Super_SID] Computer Program Questions
To: Super_SID@yahoogroups.com
Date: Tuesday, May 4, 2010, 6:15 PM

I tried installing the supersid program and got an error message: MSVCP71.dll not found. I deleted/reloaded/ rebooted etc always with the same message. I do not have excell and wondered if radio sky pipe works as a data logger instead. I was not sure who to contact and any help would be appreciated. Jim

195. Re: 04.05.2010 16:30 C3,5 Solar activity

Yahoo group: Super_SID
Date: 2010-05-05 17:23:12 UTC
From: abrandi2000
Topic: 191 Message: 195

Well,

i am suprised. Today again 2 good visable SID. 07:00 and around 12:00 UTC!

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, JGAVELLONE@... wrote:
>
>
>
> In a message dated 5/4/2010 2:03:32 P.M. Eastern Daylight Time,
> karl-heinz.gansel@... writes:
>
>
> HI,
>
> we got today 04.05.2010 16:15 UTC a nice C3,6 activity
>
> very good visable at my online plots (every 30min update).
>
> _http://www.radio-http://www.http://wwwhttp://w_
> (http://www.radio-astronomie.de/ra/qrg_19k5.jpg)
> _http://www.radio-http://www.http://wwwhttp://w_
> (http://www.radio-astronomie.de/ra/qrg_24k0.jpg)
> _http://www.radio-http://www.http://wwwhttp://w_
> (http://www.radio-astronomie.de/ra/qrg_66k6.jpg)
>
> regards
> Karl-Heinz
>
>
> SID also noted here (Central Virginia). NAA (Curler Maine) 24kHz signal.
> Chart attached (SkyPipe @ 10 samples/sec from E-W "Hula Hoop" antenna + VLF
> > VHF upconverter + SW RX)
>
> John Avellone
> Nellysford,VA
>

196. Re: Computer Program Questions

Yahoo group: Super_SID
Date: 2010-05-05 01:37:32 UTC
From: kb4dxv
Topic: 193 Message: 196

I downloaded the indicated file but it would not execute. I have a 1 year old toshiba laptop Amd turion x2 64. There is nothing unusual about the machine or any programs on it. I am a bit stumped. I followed the manual instructions--config file etc. Any other info you might have would be appreciated. Jim

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Look at a file on the SID group page
http://tech.groups.yahoo.com/group/Super_SID/files/Â Fix dll errors.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Tue, 5/4/10, kb4dxv <kjcarson@...> wrote:
>
>
> From: kb4dxv <kjcarson@...>
> Subject: [Super_SID] Computer Program Questions
> To: Super_SID@yahoogroups.com
> Date: Tuesday, May 4, 2010, 6:15 PM
>
>
> Â
>
>
>
> I tried installing the supersid program and got an error message: MSVCP71.dll not found. I deleted/reloaded/ rebooted etc always with the same message. I do not have excell and wondered if radio sky pipe works as a data logger instead. I was not sure who to contact and any help would be appreciated. Jim
>

197. Re: [Super_SID] Re: Computer Program Questions

Yahoo group: Super_SID
Date: 2010-05-05 23:57:10 UTC
From: WILLIAM & MELINDA LORD
Topic: 193 Message: 197

Just to verify- You copied the entire SuperSID folder onto you C; drive and also ran the "fix" for the missing dll. (the missing dll file needs to be copied to the system folder)

Have you double checked your sound card settings in the control file? If the sound card settings do not match the config file set up, the program will pop open very quickly and close before you can read any message.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Tue, 5/4/10, kb4dxv <kjcarson@...> wrote:

From: kb4dxv <kjcarson@...>
Subject: [Super_SID] Re: Computer Program Questions
To: Super_SID@yahoogroups.com
Date: Tuesday, May 4, 2010, 8:37 PM

I downloaded the indicated file but it would not execute. I have a 1 year old toshiba laptop Amd turion x2 64. There is nothing unusual about the machine or any programs on it. I am a bit stumped. I followed the manual instructions- -config file etc. Any other info you might have would be appreciated. Jim

--- In Super_SID@yahoogrou ps.com, WILLIAM & MELINDA LORD <ap_guardian@ ...> wrote:
>
> Look at a file on the SID group page http://tech. groups.yahoo. com/group/ Super_SID/ files/Â Fix dll errors.
>
> Bill & Melinda Lord
> www.tnSkyNet. com
> www.radio-astronomy .org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Tue, 5/4/10, kb4dxv <kjcarson@.. .> wrote:
>
>
> From: kb4dxv <kjcarson@.. .>
> Subject: [Super_SID] Computer Program Questions
> To: Super_SID@yahoogrou ps.com
> Date: Tuesday, May 4, 2010, 6:15 PM
>
>

> Â
>
>
>
> I tried installing the supersid program and got an error message: MSVCP71.dll not found. I deleted/reloaded/ rebooted etc always with the same message. I do not have excell and wondered if radio sky pipe works as a data logger instead. I was not sure who to contact and any help would be appreciated. Jim
>

198. Solar flares today

Yahoo group: Super_SID
Date: 2010-05-06 00:44:55 UTC
From: Marcus D. Leech
Topic: 198 Message: 198
Attachments: 1 described; binary payloads are missing from this source WARC

I've attached one of the flare traces. This is from the M1.2 class flare
that peaked around 17:19 UTC.

The smaller flares show no hint of appearing in my NAA data, but I
haven't processed the NML data yet.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

199. Re: [Super_SID] SuperSID and Windows 7 64-bit anyone?

Yahoo group: Super_SID
Date: 2010-05-06 18:54:14 UTC
From: Ralph Rogge
Topic: 174 Message: 199

I've finally solved my problem: The input device of my sound card is
disabled unless something is plugged into the microphone jack - it works now
like a charm.

Ralph

2010/4/28 WILLIAM & MELINDA LORD <ap_guardian@...>

>
>
> Ralph,
> Double check your sound card settings in the control panel. When you get
> the program popping open and immediately closing it is usally a sound card
> setting issue or even the config file.
>
> Is the SuperSID program and config file in the same location on your
> computer? (I.e. both in C; drive or whatever)
>
> As for the site name, be sure you do not have extra spaces or an extra = in
> the config file. Your site name should not have any spaces- letters,
> numbers or underscore seem to work fine.
>
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> --- On *Tue, 4/27/10, ralph955i <ralph@...>* wrote:
>
>
> From: ralph955i <ralph@...>
> Subject: [Super_SID] SuperSID and Windows 7 64-bit anyone?
>
> To: Super_SID@yahoogroups.com
> Date: Tuesday, April 27, 2010, 3:37 PM
>
>
>
> Hi all,
>
> had SuperSID running on my laptop using Windows Vista and decided to switch
> to my brand new desktop computer. But for reasons I don't know SuperSID
> doesn't start properly on the new Window 7 64-bit Premium Home machine:

>
> When I start the SuperSID program I see a small window with some
> information but I can't it read because the window closes after some
> milliseconds. When I start SuperSID in (e.g. Vista or XP) compability mode I
> get a message in the status line which tells me that site_name is not found
> in the config file! But the site_name entry exists (I've double checked
> this), so I have no clue what's going on here!
>
> Anybody with an idea what's happing here or some magic startup options ;)?
>
> Ralph
>
>
>
>

200. This morning 08.05.2010 C9.3 (04:51 UTC) X-Ray Burst on Sun

Yahoo group: Super_SID
Date: 2010-05-08 07:45:40 UTC
From: abrandi2000
Topic: 200 Message: 200

Hi all,

this mornig we got about 04:51 UTC a nice C9.3 burst. Best seen here on RBU 66.666khz.

http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/1986499032/view

Interesting detail is, that the source is still sun spot 11069. Even
it's now on the right side of the sun and the beam is not directed to the earth, we got still a C9.3 . If the sun spot would directed to the earth, i am sure this would be a nice X or maybe a M flare.

What do you think?
Karl-Heinz

201. Re: [Super_SID] This morning 08.05.2010 C9.3 (04:51 UTC) X-Ray Burst on Sun

Yahoo group: Super_SID
Date: 2010-05-08 14:36:45 UTC
From: JGAVELLONE@aol.com
Topic: 200 Message: 201

Nice capture, Karl-Heinz!
Open question:
Why do SIDs (on the same equipment/for events of the same energy class) sometimes show up as increases in signal level but as decreases at other times? Location of disturbed ionospheric patch vs locations of transmitter & receiver??

John Avellone

In a message dated 5/8/2010 3:46:04 A.M. Eastern Daylight Time, karl-heinz.gansel@... writes:

Hi all,

this mornig we got about 04:51 UTC a nice C9.3 burst. Best seen here on RBU 66.666khz.

http://groups.http://grohttp://grouphttp://grouhttp://groups.<Whttp://groups.<Whttp
(http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/1986499032/view)

Interesting detail is, that the source is still sun spot 11069. Even it's now on the right side of the sun and the beam is not directed to the earth, we got still a C9.3 . If the sun spot would directed to the earth, i am sure this would be a nice X or maybe a M flare.

What do you think?
Karl-Heinz

202. Re: This morning 08.05.2010 C9.3 (04:51 UTC) X-Ray Burst on Sun

Yahoo group: Super_SID
Date: 2010-05-08 18:32:30 UTC
From: abrandi2000
Topic: 200 Message: 202

Hello John,

thats an interesting question. I can't answere this from the physical view, maybe Debora or other people from Standfort. But its depend on time, distance between observer / transmitter and direction.

Maybe it has something todo that you receive 2 phase-shifted wave from differen ionized layers

look here: http://solar-center.stanford.edu/SID/docs/effect-of-flares.ppt

--- In Super_SID@yahoogroups.com, JGAVELLONE@... wrote:
>
> Nice capture, Karl-Heinz!
> Open question:
> Why do SIDs (on the same equipment/for events of the same energy class)
> sometimes show up as increases in signal level but as decreases at other
> times? Location of disturbed ionospheric patch vs locations of transmitter &
> receiver??
>
> John Avellone
>
>
> In a message dated 5/8/2010 3:46:04 A.M. Eastern Daylight Time,
> karl-heinz.gansel@... writes:
>
>
>
>
>
> Hi all,
>
> this mornig we got about 04:51 UTC a nice C9.3 burst. Best seen here on
> RBU 66.666khz.
>
> _http://groups.http://grohttp://grouphttp://grouhttp://groups.<Whttp://group
> s.<Whttp_
> (http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/1986499032/view)
>
> Interesting detail is, that the source is still sun spot 11069. Even
> it's now on the right side of the sun and the beam is not directed to the
> earth, we got still a C9.3 . If the sun spot would directed to the earth, i
> am sure this would be a nice X or maybe a M flare.
>
> What do you think?
> Karl-Heinz
>

203. Day-night transition

Yahoo group: Super_SID
Date: 2010-05-10 00:25:27 UTC
From: Marcus D. Leech
Topic: 203 Message: 203
Attachments: 1 described; binary payloads are missing from this source WARC

So, this is very interesting.

The blue line is NAA, and is doing the classic "sunset dip".

But if you look at the other data, you'll noticed that as day
transitions to night, the high-frequency
"roughness" smooths out considerably. Hmmmm.

I wonder what is going on here? Some local phenomenon?

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

204. 48kHz or 96kHz

Yahoo group: Super_SID
Date: 2010-05-10 16:43:17 UTC
From: jeaneric.campagne
Topic: 204 Message: 204

Hello,
I am new in superSID running.

I am located in France and so I wander if I need 96kHz sampling ?

Also I have an old fashioned MoBo (see
http://www.msi.com/index.php?func=proddesc&maincat_no=1&prod_no=165)

with

7.1 channel audio codec RealTek ALC850.
- Compliance with AC97 v2.3 Spec.
- Meet PC2001 audio performance requirement.

I wander if by chance one of you can tell me if this audio codec is able to perform 96kHz sampling???

Cheers
Jean-Eric

205. Re: [Super_SID] 48kHz or 96kHz

Yahoo group: Super_SID
Date: 2010-05-11 19:31:20 UTC
From: Marcus D. Leech
Topic: 204 Message: 205

On 05/10/2010 12:43 PM, jeaneric.campagne wrote:
>
>
> Hello,
> I am new in superSID running.
>
> I am located in France and so I wander if I need 96kHz sampling ?
>
> Also I have an old fashioned MoBo (see
> http://www.msi.com/index.php?func=proddesc&maincat_no=1&prod_no=165
> <http://www.msi.com/index.php?func=proddesc&maincat_no=1&prod_no=165>)
>
> with
>
> 7.1 channel audio codec RealTek ALC850.
> - Compliance with AC97 v2.3 Spec.
> - Meet PC2001 audio performance requirement.
>
> I wander if by chance one of you can tell me if this audio codec is
> able to perform 96kHz sampling???
>
> Cheers
> Jean-Eric
>
It won't support 96KHz sampling.

My recommendation is to get an external USB sound module, like the
Creative X-Fi USB.
It's fairly inexpensive, and performs quite well. That's what I'm
using in my setup.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

206. Two questions about locating the antenna

Yahoo group: Super_SID
Date: 2010-05-12 07:19:30 UTC
From: riza.pektas@boun.edu.tr
Topic: 206 Message: 206
Attachments: 1 described; binary payloads are missing from this source WARC

Dear SuperSID users,

I have built a wood antenna frame which is totally 2,40m. high (1,00m square antenna area + 1,40m. sticks). It located at near our observatory's dom which is 140 m. from sea level. It will be located outside. You can find an attached picture about it.

(If you cannot see attached picture, you can also find it on this link: http://img23.imageshack.us/img23/6852/sidantennapektas.jpg)

Now, I have two questions and need your comments..

(1) As you see on attached picture, sticks of antenna frame will be tied to iron
banister to prevent falling down of antenna. Does this iron banister cause a problem for signal?

(2) Again as you seen on attached picture, there are some TV and radio transmitters far side of picture. The distance between SuperSID antenna and transmitters about 4,3 kilometers (as the crow flies). Can these TV & radio transmitters effect for SuperSID antenna?

Thank you very much for your interests and for your comments!

Have a nice SID monitoring!

Riza Pektas

207. Re: [Super_SID] Two questions about locating the antenna [1 Attachment]

Yahoo group: Super_SID
Date: 2010-05-12 15:59:27 UTC
From: WILLIAM & MELINDA LORD
Topic: 206 Message: 207

Riza,

The antenna frame next to the iron bannister should be OK as long as the antenna wire does not touch the iron banister. Before permanently mounting the antenna, you can try it in different locations to see what works best. Remember, you can also put the antenna inside.

The TV and radio are at higher frequencies that the SID collects, so they should not present a problem. When you start collecting, you can do a screen print of the collecting screen and we can look to see what signals you are getting.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "riza.pektas@..." <riza.pektas@...>
To: Super_SID@yahoogroups.com
Sent: Wed, May 12, 2010 2:19:30 AM
Subject: [Super_SID] Two questions about locating the antenna [1 Attachment]

[Attachment(s) from riza.pektas@... included below]

Dear SuperSID users,

I have built a wood antenna frame which is totally 2,40m. high (1,00m square antenna area + 1,40m. sticks). It located at near our observatory' s dom which is 140 m. from sea level. It will be located outside. You can find an attached picture about it.

(If you cannot see attached picture, you can also find it on this link:
http://img23. imageshack. us/img23/ 6852/sidantennap ektas.jpg)

Now, I have two questions and need your comments..

(1) As you see on attached picture, sticks of antenna frame will be tied to iron
banister to prevent falling down of antenna. Does this iron banister cause a problem for signal?

(2) Again as you seen on attached picture, there are some TV and radio transmitters far side of picture. The distance between SuperSID antenna and transmitters about 4,3 kilometers (as the crow flies). Can these TV & radio transmitters effect for SuperSID antenna?

Thank you very much for your interests and for your comments!

Have a nice SID monitoring!

Riza Pektas

208. Re: [Super_SID] Two questions about locating the antenna

Yahoo group: Super_SID
Date: 2010-05-12 16:08:28 UTC
From: Marcus D. Leech
Topic: 206 Message: 208

>
>
> Riza,
>
> The antenna frame next to the iron bannister should be OK as long as
> the antenna wire does not touch the iron banister. Before permanently
> mounting the antenna, you can try it in different locations to see
> what works best. Remember, you can also put the antenna inside.
>
> The TV and radio are at higher frequencies that the SID collects, so
> they should not present a problem. When you start collecting, you can
> do a screen print of the collecting screen and we can look to see what
> signals you are getting.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
You *can* have problems with TV and AM radio signals demodulating in the
front-end amplifier, and
polluting your VLF spectrum.

Is there a pointer to the SuperSID amplifier schematic somewhere? My
own amplifier that I'm
working on has a an explicit low-pass section to cut off somehwere
around 45KHz before the
signals hit any active (and potentially non-linear) component.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

209. Re: [Super_SID] Two questions about locating the antenna

Yahoo group: Super_SID
Date: 2010-05-12 17:38:17 UTC
From: Riza PEKTAS
Topic: 206 Message: 209

Thank you for your information.. I will try the best possible ;) When I start collecting I will share my records with you.

Best wishes from Istanbul

Riza Pektas

On Wed, May 12, 2010 at 19:08, Marcus D. Leech <mleech@ripnet.com> wrote:

>
>
>
>
> Riza,
>
> The antenna frame next to the iron bannister should be OK as long as the
> antenna wire does not touch the iron banister. Before permanently mounting
> the antenna, you can try it in different locations to see what works best.
> Remember, you can also put the antenna inside.
>
> The TV and radio are at higher frequencies that the SID collects, so they
> should not present a problem. When you start collecting, you can do
> a screen print of the collecting screen and we can look to see what signals
> you are getting.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> You *can* have problems with TV and AM radio signals demodulating in the
> front-end amplifier, and
> polluting your VLF spectrum.
>
> Is there a pointer to the SuperSID amplifier schematic somewhere? My own
> amplifier that I'm
> working on has a an explicit low-pass section to cut off somehwere around
> 45KHz before the
> signals hit any active (and potentially non-linear) component.
>
>
> --
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortiumhttp://www.sbrac.org
>
>
>

--
Rıza PEKTAŞ

Bogazici University
Kandilli Observatory and Earthquake Research Institute, Astronomy Lab.,
Istanbul / TUR.
phone: +90216 516-3444
web: www.pektas.net

210. Getting Started...

Yahoo group: Super_SID
Date: 2010-05-12 18:33:45 UTC
From: docvyhnal
Topic: 210 Message: 210

Hi all...

Saw my first SID plot from 5/5/10 on the SpaceWeather.com website, did a little digging, and here I am ready to get started with a number of questions:

1) Do I need two dedicated computers if I want to collect data on 2 SIDS, or will one do?

2) Can you operate 2 SIDS in close proximity to one another if they're tuned to different transmitter stations (and presumably to 2 different frequencies)?

3) Do any of you run your SID on a Mac using Virtual PC?

4) If you are high school astronomy teachers who have utilized SIDS in your classes and can offer any additional tips/pointers, I'd be much obliged.

I'm sure I'll have more questions, but that'll do for now... Thanks in advance for your help.

Chris Vyhnal
The Thacher School
Ojai, CA 93023

211. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2010-05-13 13:52:56 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 211

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /CreativeXFI-SuperSID-13mai10.gif
Uploaded by : jeaneric.campagne <jecampagne@...>
Description : Tests with Creative X-FI USB card connected to SuperSID

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/CreativeXFI-SuperSID-13mai10.gif

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

jeaneric.campagne <jecampagne@...>

212. Noise considerations

Yahoo group: Super_SID
Date: 2010-05-13 14:01:26 UTC
From: jeaneric.campagne
Topic: 212 Message: 212

Dear SuperSID users
I have just posted on the Files a slide collecting 3 power sprectrum collected with a Creative X-FI USB Sound Blaster card configured with 96kHz/24bits sampling rate.

. The top spectrum is collected the sound card in stand alone
. The middle spectrum is collected with the SuperSID connected to the sound card. I notice already that it is quite noisy (mind the vertical scale!!) What do you think ?
. The bottom spectrum is collected with the antenna (1,5m x 1,5m) connected. What do you think again. As I am in France I suspect that the 20900 is the HWU Rosnay antenna signal but the noise is quite large.

Is someone as a spectrum of the SUperSID connected to his/her sound card (96kHz sampling) without the antenna connected, to see the level of noise ? May be the test is not the correcte one to get an idea of the SuperSID noise level => have you a comment too on this subject?

Sincerely yours
Jean-Eric

213. What about the ground (reference point)

Yahoo group: Super_SID
Date: 2010-05-14 12:41:02 UTC
From: jeaneric.campagne
Topic: 213 Message: 213

I have posted yesterday some spectrum plots performed with my sound blaster sound USB X-Fi Creative card. I have taken data all the night and during the morning looking for the sun rise based on Rosnay pic that is (was expected) to be strong in my case.
However the data plot is completly flat without any modulation.
So I suspect something wrong.

I have questionned the reference ground in the SuperSID hardware? As the AC/DC has no well defined reference can someone suspect to pick up noise as 50Hz/60Hz or what ever very easily?

Is some of you have an idea or made some improvment on the SuperSID hardware as puting some capacitors/loads...

Sincerely
Jean-Eric

214. Computer disk

Yahoo group: Super_SID
Date: 2010-05-14 04:12:45 UTC
From: Syd
Topic: 214 Message: 214

Hi all

I've received my kit and ready to get started.

However the disk SuperSID v1.1 just wont give up any information.
I first ran it on a laptop Widows7 . All the computer wanted to do
was make copies of the disk. I was unable to open any file.
I then tried the disk in my older computer windows XP . But the same problem occured again and after many hours I've still had no luck in opening the intro disk.
Compounded to this is, when I tried the disk back in the laptop all I got was a pop up saying due to some fault on the disk 'Roxi-burn' was unable to work As I cleared the pop up it returned again after a few seconds and only removing the disk stopped the loop occuring over and over again. I was refered to some site that could help. But it wanted me to sign up and just deposited a logo on my desk top. With no effective result.
It was after this site started to help that the disk stopped working
in my laptop.

What am I not doing right

Can anyone please help.

Alex

215. Re: [Super_SID] Computer disk

Yahoo group: Super_SID
Date: 2010-05-14 22:34:37 UTC
From: WILLIAM & MELINDA LORD
Topic: 214 Message: 215

Syd,
Just copy the files to your C drive. Open the Program folder, look for SuperSid.exe. Right click and Create shortcut, and send to Desktop. When you want to run SuperSID, use the short cut.

If you can not get the disk to work, let us know and we will send a new disk.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Syd <sydgeezer@...>
To: Super_SID@yahoogroups.com
Sent: Fri, May 14, 2010 12:12:45 AM
Subject: [Super_SID] Computer disk

Hi all

I've received my kit and ready to get started.

However the disk SuperSID v1.1 just wont give up any information.
I first ran it on a laptop Widows7 . All the computer wanted to do
was make copies of the disk. I was unable to open any file.
I then tried the disk in my older computer windows XP . But the same problem occured again and after many hours I've still had no luck in opening the intro disk.
Compounded to this is, when I tried the disk back in the laptop all I got was a pop up saying due to some fault on the disk 'Roxi-burn' was unable to work As I cleared the pop up it returned again after a few seconds and only removing the disk stopped the loop occuring over and over again. I was refered to some site that could help. But it wanted me to sign up and just deposited a logo on my desk top. With no effective result.
It was after this site started to help that the disk stopped working
in my laptop.

What am I not doing right

Can anyone please help.

Alex

216. Underground ?

Yahoo group: Super_SID
Date: 2010-05-15 17:26:15 UTC
From: jeaneric.campagne
Topic: 216 Message: 216

Hello,
Is someone experiment to put the antenna underground ?
JE

217. GREAT CONJUCTION OF VENUS & MOON

Yahoo group: Super_SID
Date: 2010-05-16 17:28:40 UTC
From: DIVYADARSHAN PUROHIT
Topic: 217 Message: 217

DEAR FRIENDS,

AFTER OCCULTAION OF VENUS & MOON,VENUS CAME FROM BEHIND THE MOON.260 MILLION K.M.FAR VENUS HAD MAKE GREAT CONJUCTION WITH THE MOON OF 0.5 DEGREE,GRADUALLY IT REACHED UP TO 2.5 DEGREE NEAR HORIZON.SKY WAS CLEAR SO VENUS WITH THE MINUS FOUR MAGNITUDE WAS LOOKING AMAZING,MARVELL US,SUPERB UNDER THE CRESCENT MOON HAVING MINUS SEVEN MAGNITUDE.PICTURES WAS TAKEN WITH THE HELP OF SONY DCR-SX40E HANDY CAME & NIKON MADE 10*22 ZOOM BINOCULAR.ANTENNA OF RADIO JOVE TELESCOPE OF NASA & SUPER SID TELESCOPE OF STANFORD SOLAR CENTER ACCOMPANYING THE GREAT CONJUCTION .
HERE ARE SOME LINK ,ENJOY THE SAME & KINDLY GUIDE & SEND YOUR VALUABLE COMMENTS SO I CAN IMPROVE MORE & MORE.

(1) The URL for your Spaceweather Spotter page is:

http://spaceweather.com/submissions/large_image_popup.php?image_name=DIVYADARSHAN-D.PUROHIT-DSC00398_1274028760.jpg

(2) THE URL OF MY OWN PHOTO STREAM IS,

http://www.flickr.com/photos/gurudevobservatory/

WITH BEST REGARDS,

DIVYADARSHAN D.PUROHIT
GURUDEV OBSERVATORY,
VADODARA
INDIA

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

218. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2010-05-20 23:53:32 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 218

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /SuperSID Noise Sources.pdf
Uploaded by : k8trf <dad@...>
Description : Tracking and reducing some noise sources.

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/SuperSID%20Noise%20Sources.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

k8trf <dad@...>

219. Really good signals today

Yahoo group: Super_SID
Date: 2010-05-21 06:15:51 UTC
From: Marcus D. Leech
Topic: 219 Message: 219

Anybody else in Eastern North America noticing how good the propagation
is in the last 24 hours or so?

My normal Day/Night difference is about 10dB, but the last 24 hours or
so, the ratio has been roughly 13.5dB,
and tonight, I have signal peaks that are quite a bit stronger, and
signals coming up out of the noise
that I don't usually see, and the noise "floor" seems to be quieter.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

220. First good spectrum from JJI

Yahoo group: Super_SID
Date: 2010-05-22 16:18:31 UTC
From: jeaneric.campagne
Topic: 220 Message: 220

Hello,

I am happy to tell you that I have got same nice spectra (at least Sun set & rise) from the JJI antenna located 15,000km from my town (Antony-France) since few days (see attachements).

I have now fixed my 1,5 x 1,5 m^2 antenna in the roof on my house and I will send soon after final check the spectra to the central repository.

A bientôt (see you soon)
Jean-Eric

221. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2010-05-22 16:23:10 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 221

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /JJI_Antony-FRANCE-21may2010_spectrum.png
Uploaded by : jeaneric.campagne <jecampagne@...>
Description : Sun Rise & Set from JJI signal captured at Antony (France)

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/JJI_Antony-FRANCE-21may2010_spectrum.png

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

jeaneric.campagne <jecampagne@...>

222. Re: [Super_SID] First good spectrum from JJI

Yahoo group: Super_SID
Date: 2010-05-22 17:13:48 UTC
From: Marcus D. Leech
Topic: 220 Message: 222

On 05/22/2010 12:18 PM, jeaneric.campagne wrote:
>
>
> Hello,
>
> I am happy to tell you that I have got same nice spectra (at least Sun
> set & rise) from the JJI antenna located 15,000km from my town
> (Antony-France) since few days (see attachements).
>
> I have now fixed my 1,5 x 1,5 m^2 antenna in the roof on my house and
> I will send soon after final check the spectra to the central repository.
>
> A bient?t (see you soon)
> Jean-Eric
>
Very nice!

But it isn't a "spectra", it's just RMS power vs Time.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

223. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2010-05-23 02:39:56 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 223

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /Noise tracking in SuperSID.doc
Uploaded by : k8trf <dad@...>
Description : Tracking Noise with SuperSID

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/Noise%20tracking%20in%20SuperSID.doc

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

k8trf <dad@...>

224. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2010-05-23 15:03:57 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 224

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /DISPLAYING SUPERSID DATA WITH EXCEL.pdf
Uploaded by : k8trf <dad@...>
Description : Using Excel to display and analyze SuperSID data

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/DISPLAYING%20SUPERSID%20DATA%20WITH%20EXCEL.
pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

k8trf <dad@...>

225. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2010-05-24 01:10:39 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 225

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /COMPARING SAME SID FROM DIFFERENT STATIONS.pdf
Uploaded by : k8trf <dad@...>
Description : Using Excel to view the same SID from different stations.

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/COMPARING%20SAME%20SID%20FROM%20DIFFERENT%20STATIONS.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

k8trf <dad@...>

226. new station on 17.8?

Yahoo group: Super_SID
Date: 2010-06-08 19:41:29 UTC
From: Dave Benham
Topic: 226 Message: 226

Today I was out at our observatory checking on the SuperSID, downloading files, etc. I also have Spectrum Lab running along with SuperSID. I noticed a new signal on 17.8 kHz that looked sort of like QRSS (slow speed CW or code). It was a solid line that was on, then off, then on, then off, etc. for several seconds at a time. Then it was off for a few minutes. While it was on, it looked and sounded very similar to one of the submarine communications stations -- NAA, NLK, NML, NPM, etc. It was a sharp peak and reasonably strong.

Then it returned again, but this time the "line" on Spectrum Lab looked wide and "fuzzy". The sharp peak on SuperSID had changed to a haystack shape. Then it went off the air. This was all between about 1800 GMT and 1830 GMT.

Its orientation fell on a line that's just about due E/W from our location northwest of Detroit, MI.

I couldn't stay out all day to monitor this. Has anyone else noticed this? I probably should add it to the config in SuperSID and look for it. I took some screenshots that I will post to the files section.

Dave
McMath-Hulbert Solar Observatory
Lake Angelus, MI

227. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2010-06-08 20:59:09 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 227

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /17_8_newTLH2.doc
Uploaded by : k8trf <dad@...>
Description : "New" Signal on 17.8 kHz?

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/17_8_newTLH2.doc

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

k8trf <dad@...>

228. Re: new station on 17.8?

Yahoo group: Super_SID
Date: 2010-06-09 05:16:13 UTC
From: abrandi2000
Topic: 226 Message: 228

Hello Dave,

SAQ Alexanderson (http://www.alexander.n.se/startsida_e.htm) transmit at 17.8 kHz , but only on special evenings.

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Dave Benham" <dad@...> wrote:
>
> Today I was out at our observatory checking on the SuperSID, downloading
> files, etc. I also have Spectrum Lab running along with SuperSID. I
> noticed a new signal on 17.8 kHz that looked sort of like QRSS (slow speed
> CW or code). It was a solid line that was on, then off, then on, then off,
> etc. for several seconds at a time. Then it was off for a few minutes.
> While it was on, it looked and sounded very similar to one of the submarine
> communications stations -- NAA, NLK, NML, NPM, etc. It was a sharp peak and
> reasonably strong.
>
> Then it returned again, but this time the "line" on Spectrum Lab looked wide
> and "fuzzy". The sharp peak on SuperSID had changed to a haystack shape.
> Then it went off the air. This was all between about 1800 GMT and 1830 GMT.
>
>
> Its orientation fell on a line that's just about due E/W from our location
> northwest of Detroit, MI.
>
> I couldn't stay out all day to monitor this. Has anyone else noticed this?
> I probably should add it to the config in SuperSID and look for it. I took
> some screenshots that I will post to the files section.
>
> Dave
> McMath-Hulbert Solar Observatory
> Lake Angelus, MI
>

229. Re: new station on 17.8?

Yahoo group: Super_SID
Date: 2010-06-10 05:59:22 UTC
From: yo9gjx
Topic: 226 Message: 229

Yes, SAQ tramsmit on special events
http://yo9gjx.blogspot.com/2009/12/saq-172-khz-transmitter.html
but on 17,2 khz not on 17,8 and SAQ transmission is cw only.
you can check and compare with websdr vlf receivers.
www.websdr.org

230. 6.1 Flares 12.06.2010 09:02 - 09:22 UTC

Yahoo group: Super_SID
Date: 2010-06-12 11:40:46 UTC
From: abrandi2000
Topic: 230 Message: 230

Hi,

well, SUN is back and show us some activity.

This morning we got a nice C6.1 Flare!

http://www.radio-astronomie.de/ra/qrg_66k6.jpg

regards,
Karl-Heinz

231. Re: C6.1 Flares 12.06.2010 09:02 - 09:22 UTC

Yahoo group: Super_SID
Date: 2010-06-13 07:18:51 UTC
From: abrandi2000
Topic: 230 Message: 231

Hi,

here the permalink:
http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/2119466057/view

--- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@...> wrote:
>
> Hi,
>
> well, SUN is back and show us some activity.
>
> This morning we got a nice C6.1 Flare!
>
> http://www.radio-astronomie.de/ra/qrg_66k6.jpg
>
> regards,
> Karl-Heinz
>

232. Re: C6.1 Flares 12.06.2010 09:02 - 09:22 UTC

Yahoo group: Super_SID
Date: 2010-06-14 12:57:05 UTC
From: jeanericcampagne
Topic: 230 Message: 232

Hi,
It seems that my message had not been received.
This was to mention that I have also captured this Solar Flare and I am very pleased as this was the first one with my setup.
I was registering the JJI signal with my 1.5 x 1.5 m^2 antenna.
See the photos for the signal strength arround the time window. I have also put the same time window a day before...

regards
Jean-Eric

--- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@...> wrote:
>
> Hi,
>
> here the permalink:
> http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/2119466057/view
>
> --- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@> wrote:
> >
> > Hi,
> >
> > well, SUN is back and show us some activity.
> >
> > This morning we got a nice C6.1 Flare!
> >
> > http://www.radio-astronomie.de/ra/qrg_66k6.jpg
> >
> > regards,
> > Karl-Heinz
> >
>

233. Re: C6.1 Flares 12.06.2010 09:02 - 09:22 UTC

Yahoo group: Super_SID
Date: 2010-06-14 20:30:48 UTC
From: abrandi2000
Topic: 230 Message: 233

Hello Jean-Eric,

i have seen your observed data in the Photoalbum. Look's to me, your
equipment works perfect!

I was this weekend very busy with building a solarspectrometer with 50 - 900 Mhz frequency range. Thats why my late answer.
regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "jeanericcampagne" <jeanericcampagne@...> wrote:
>
> Hi,
> It seems that my message had not been received.
> This was to mention that I have also captured this Solar Flare and I am very pleased as this was the first one with my setup.
> I was registering the JJI signal with my 1.5 x 1.5 m^2 antenna.
> See the photos for the signal strength arround the time window. I have also put the same time window a day before...
>
> regards
> Jean-Eric
>
>
> --- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@> wrote:
> >
> > Hi,
> >
> > here the permalink:
> > http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/2119466057/view
> >
> > --- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@> wrote:
> > >
> > > Hi,
> > >
> > > well, SUN is back and show us some activity.
> > >
> > > This morning we got a nice C6.1 Flare!
> > >
> > > http://www.radio-astronomie.de/ra/qrg_66k6.jpg
> > >
> > > regards,
> > > Karl-Heinz
> > >
> >
>

234. HWV signal at 9:30 UTC 14 june 2010

Yahoo group: Super_SID
Date: 2010-06-15 05:26:57 UTC
From: jeanericcampagne
Topic: 234 Message: 234

Hi
This is to tell you that i have received a huge signl from hwv station on 14th june 2010 arround 9:30 UTC...
JE

235. automatic send data

Yahoo group: Super_SID
Date: 2010-06-17 05:27:24 UTC
From: jeanericcampagne
Topic: 235 Message: 235

Hello,
I have turned on the automatic ftp transfert of the data, but
1) for the first night python indicates that there are errors
2) for the second night the data have not been saved on my data folder

So, how can I check that the transfert is Ok, and do the data are removed after transfert?

best
Jean-Eric

236. Re: automatic send data

Yahoo group: Super_SID
Date: 2010-06-17 13:21:36 UTC
From: Jaap
Topic: 235 Message: 236

Jean-Eric,

> I have turned on the automatic ftp transfert of the data, but
> 1) for the first night python indicates that there are errors
> 2) for the second night the data have not been saved on my data folder
>
> So, how can I check that the transfert is Ok, and do the data are removed after transfert?

It is always possible an anonymous ftp to ftp://sid-ftp.stanford.edu/incoming/SuperSID and have a look wether you file ended up there.

jaap

237. Re: [Super_SID] Re: automatic send data

Yahoo group: Super_SID
Date: 2010-06-17 17:07:31 UTC
From: jecampagne
Topic: 235 Message: 237

Well, in the repository you point me, there are only few files as I
guess that there are regularly integrated into a database and then clean up.
So, I do not have the answer to my preliminary questions
JE

Jaap a ?crit :
>
>
>
>
> Jean-Eric,
>
> > I have turned on the automatic ftp transfert of the data, but
> > 1) for the first night python indicates that there are errors
> > 2) for the second night the data have not been saved on my data folder
> >
> > So, how can I check that the transfert is Ok, and do the data are
> removed after transfert?
>
> It is always possible an anonymous ftp to
> ftp://sid-ftp.stanford.edu/incoming/SuperSID
> and have a look wether you file ended up there.
>
> jaap
>
>

238. Comparison Data Results?

Yahoo group: Super_SID
Date: 2010-06-18 18:04:18 UTC
From: dennis.recla
Topic: 238 Message: 238

Installed my Super-SID, and have everything running, although the signals I see in the main screen seem to be a little off frequency from what I would expect them to appear. i.e. NWC shows up at 20KHz instead of at 19.8Khz. I suspect this is NWC since it is about 20 over 0 line compared to other "blips" on the screen.

Having recorded data for several days, is there any site where I could look at data recorded by others to make some comparison to determine if the receiving system is working correctly.

Looking for a way to compare my results with others.

Dennis

239. Re: Comparison Data Results?

Yahoo group: Super_SID
Date: 2010-06-18 18:35:21 UTC
From: abrandi2000
Topic: 238 Message: 239

Hello Denis,

look at stanford databrowser.

http://sid.stanford.edu/database-browser/

KH

--- In Super_SID@yahoogroups.com, "dennis.recla" <drecla@...> wrote:
>
> Installed my Super-SID, and have everything running, although the signals I see in the main screen seem to be a little off frequency from what I would expect them to appear. i.e. NWC shows up at 20KHz instead of at 19.8Khz. I suspect this is NWC since it is about 20 over 0 line compared to other "blips" on the screen.
>
> Having recorded data for several days, is there any site where I could look at data recorded by others to make some comparison to determine if the receiving system is working correctly.
>
> Looking for a way to compare my results with others.
>
> Dennis
>

240. OLG Graz

Yahoo group: Super_SID
Date: 2010-06-20 17:29:49 UTC
From: AP_GUARDIAN
Topic: 240 Message: 240

Would whoever has named their site OLG Graz please contact us. Stanford is receiving your data but your config file does not have the Monitor ID entered and we do not know who you are :-)

241. manual upload

Yahoo group: Super_SID
Date: 2010-06-21 07:00:21 UTC
From: jecampagne
Topic: 241 Message: 241

Hello
Is-it possible to upload manualy the SuperSID files?
Jean-Eric

242. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-21 10:12:34 UTC
From: Jaap Akkerhuis
Topic: 241 Message: 242

On Jun 21, 2010, at 9:00, jecampagne wrote:

> Is-it possible to upload manualy the SuperSID files?

It should be possible to do it by anonymous ftp to directory sid-ftp.stanford.edu/incoming/
I've dome that many times for testing.

jaap

243. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-21 13:06:24 UTC
From: jecampagne
Topic: 241 Message: 243

Thanks Jaap
JE

Jaap Akkerhuis a ?crit :
> On Jun 21, 2010, at 9:00, jecampagne wrote:
>
>
>> Is-it possible to upload manualy the SuperSID files?
>>
>
> It should be possible to do it by anonymous ftp to directory
sid-ftp.stanford.edu/incoming/ I've dome that many times for testing.
>
> jaap
>
>
>
>

244. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-21 13:15:52 UTC
From: jecampagne
Topic: 241 Message: 244

Hi again

I am logged anonymously to the site and I am transfering by hand the JJI files from 26th May till 17th June: 22 files (the 16th june is mising)
I have choosen the SuperSID directory, and wander if I should have download to the "SuperSID/NEW"

The problem to switch to "automatic" transmission in the present config file, is that the csv files are deleted after the transmission so no chance to be processed locally...
I will try with the scripts Dave has provided me.

Bye
JE

Jaap Akkerhuis a ?crit :
> On Jun 21, 2010, at 9:00, jecampagne wrote:
>
>
>> Is-it possible to upload manualy the SuperSID files?
>>
>
> It should be possible to do it by anonymous ftp to directory sid-ftp.stanford.edu/incoming/ I've dome that many times for testing.
>
> jaap
>
>
>
>

245. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-21 14:26:14 UTC
From: WILLIAM & MELINDA LORD
Topic: 241 Message: 245

Jean-Eric,

Your files should be saved daily in the DATA folder found in the SuperSID folder.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

_____
From: jecampagne <jecampagne@...>
To: Jaap Akkerhuis <jaapna@xs4all.nl>
Cc: Super_SID@yahoogroups.com
Sent: Mon, June 21, 2010 8:15:52 AM
Subject: Re: [Super_SID] manual upload

Hi again

I am logged anonymously to the site and I am transfering by hand the JJI files from 26th May till 17th June: 22 files (the 16th june is mising)
I have choosen the SuperSID directory, and wander if I should have download to the "SuperSID/NEW"

The problem to switch to "automatic" transmission in the present config file, is that the csv files are deleted after the transmission so no chance to be processed locally...
I will try with the scripts Dave has provided me.

Bye
JE

Jaap Akkerhuis a écrit :
On Jun 21, 2010, at 9:00, jecampagne wrote:
>
>
>Is-it possible to upload manualy the SuperSID files?
>>
>It should be possible to do it by anonymous ftp to directory sid-ftp.stanford.
edu/incoming/ I've dome that many times for testing.
>
> jaap
>
>
>
>

246. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-21 17:40:22 UTC
From: jecampagne
Topic: 241 Message: 246

Hi
Heuuu. there is a NEW folder but I do not see any DATA folder !?!
Jean-Eric

WILLIAM & MELINDA LORD a écrit :
>
> Jean-Eric,
>
> Your files should be saved daily in the DATA folder found in the
> SuperSID folder.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
>
> ---
> *From:* jecampagne <jecampagne@...>
> *To:* Jaap Akkerhuis <jaapna@...>
> *Cc:* Super_SID@yahoogroups.com
> *Sent:* Mon, June 21, 2010 8:15:52 AM
> *Subject:* Re: [Super_SID] manual upload
>
>
>
> Hi again
>
> I am logged anonymously to the site and I am transfering by hand the
> JJI files from 26th May till 17th June: 22 files (the 16th june is mising)
> I have choosen the SuperSID directory, and wander if I should have
> download to the "SuperSID/NEW"
>
> The problem to switch to "automatic" transmission in the present
> config file, is that the csv files are deleted after the transmission
> so no chance to be processed locally...
> I will try with the scripts Dave has provided me.
>
> Bye
> JE
>
>
>

>
> Jaap Akkerhuis a écrit :
>
>> On Jun 21, 2010, at 9:00, jecampagne wrote:
>>
>>
>>> Is-it possible to upload manualy the SuperSID files?
>>>
>> It should be possible to do it by anonymous ftp to directory sid-ftp.stanford.
edu/incoming/ I've dome that many times for testing.
>>
>> jaap
>>
>>
>>
>>
>

247. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-21 19:06:12 UTC
From: Jaap Akkerhuis
Topic: 241 Message: 247

On Jun 21, 2010, at 19:40, jecampagne wrote:

> Heuuu. there is a NEW folder but I do not see any DATA folder !?!

The DATA folder is local folder. In the Config/supersid.cfg file it says:

```
automatic_upload = yes
ftp_server = sid-ftp.stanford.edu
ftp_directory = /incoming/SuperSID/NEW/
```

so I assume you need to use the NEW folder as the place to upload you files

jaap

248. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-22 07:01:56 UTC
From: jecampagne
Topic: 241 Message: 248

Jaap Akkerhuis a ?crit :
>
>
>
> On Jun 21, 2010, at 19:40, jecampagne wrote:
>
> > Heuuu. there is a NEW folder but I do not see any DATA folder !?!
>
> The DATA folder is local folder. In the Config/supsersid.cfg file it says:
>
> automatic_upload = yes
> ftp_server = sid-ftp.stanford.edu
> ftp_directory = /incoming/SuperSID/NEW/
>

Well in my config file the ftp_directoru was /incoming/SuperSID/
I guess the NEW location is a recent update that I have missed.

Looking at the sid-ftp.stanford.edu:/incoming/SuperSID
right now
1) I see no more files in the NEW
2) my files in the SuperSID directory are no more their too, so I guess
they have been moved by someone ?
3) in the SuperSID directory I see new files that have been uploaded
today. SO I guess that some "providers" have the same default
ftp_directory than mine that is to say they have not the ftp_directory =
/incoming/SuperSID/NEW/. I may be worth to make a general message to
point out this changement, no?

Bye.
JE

>
> so I assume you need to use the NEW folder as the place to upload you
> files
>
> jaap
>
>

249. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-22 12:59:34 UTC
From: Jaap Akkerhuis
Topic: 241 Message: 249

On Jun 22, 2010, at 9:01, jecampagne wrote:

> Well in my config file the ftp_directoru was /incoming/SuperSID/
> I guess the NEW location is a recent update that I have missed.

It might be new.

> Looking at the sid-ftp.stanford.edu:/incoming/SuperSID
> right now
> 1) I see no more files in the NEW
> 2) my files in the SuperSID directory are no more their too, so I guess they have been moved by someone ?

Files that are uploaded are removed after they are put in the database.

> 3) in the SuperSID directory I see new files that have been uploaded today. SO I guess that some "providers" have the same default ftp_directory than mine that is to say they have not the ftp_directory = /incoming/SuperSID/NEW/. I may be worth to make a general message to point out this changement, no?

This might be the case but I cannot confirm.

jaap

250. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-22 14:46:59 UTC
From: WILLIAM & MELINDA LORD
Topic: 241 Message: 250

The upload directory is the same for all of the SuperSID users. What differs is the data with your config information. I.e. MonitorID and Site. Anyone who sends data will have the monitor and site ID information contained in the csv file that goes to Stanford. Once the ftp runs, the data is removed from this folder. A copy of the file should remain in your local DATA folder.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Jaap Akkerhuis <jaapna@...>
To: Super_SID@yahoogroups.com
Sent: Tue, June 22, 2010 7:59:34 AM
Subject: Re: [Super_SID] manual upload

On Jun 22, 2010, at 9:01, jecampagne wrote:

> Well in my config file the ftp_directoru was /incoming/SuperSID/
> I guess the NEW location is a recent update that I have missed.

It might be new.

> Looking at the sid-ftp.stanford.edu:/incoming/SuperSID
> right now
> 1) I see no more files in the NEW
> 2) my files in the SuperSID directory are no more their too, so I guess they have been moved by someone ?

Files that are uploaded are removed after they are put in the database.

> 3) in the SuperSID directory I see new files that have been uploaded today. SO I guess that some "providers" have the same default ftp_directory than mine that is to say they have not the ftp_directory = /incoming/SuperSID/NEW/. I may be worth to make a general message to point out this changement, no?

This might be the case but I cannot confirm.

jaap

251. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-23 07:43:09 UTC
From: PXD Azariven (JZ)
Topic: 241 Message: 251

Hello,

I'm having the same problem, so should I delete the NEW from the config or should I remain it the same.

Also, can you check if there is a site ID called SSAA created for us? Our site ID for the SIDmon is CHINA-13, but we've decided to change it. If so we'll try to upload our first data gathered by our newly arrived and assembled SuperSID

Thanks,
Zhuchang

2010/6/22 WILLIAM & MELINDA LORD <ap_guardian@...>

>
>
> The upload directory is the same for all of the SuperSID users. What
> differs is the data with your config information. I.e. MonitorID and
> Site. Anyone who sends data will have the monitor and site ID information
> contained in the csv file that goes to Stanford. Once the ftp runs, the
> data is removed from this folder. A copy of the file should remain in your
> local DATA folder.
>
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnskynet.com/>
> www.radio-astronomy.org
>
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
>
> ------------------------------
> *From:* Jaap Akkerhuis <jaapna@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Tue, June 22, 2010 7:59:34 AM
>
> *Subject:* Re: [Super_SID] manual upload
>
>
>
>
> On Jun 22, 2010, at 9:01, jecampagne wrote:
>
> > Well in my config file the ftp_directoru was /incoming/SuperSID/

> > I guess the NEW location is a recent update that I have missed.
>
> It might be new.
>
> > Looking at the sid-ftp.stanford.edu:/incoming/SuperSID
> > right now
> > 1) I see no more files in the NEW
> > 2) my files in the SuperSID directory are no more their too, so I guess
> they have been moved by someone ?
>
> Files that are uploaded are removed after they are put in the database.
>
> > 3) in the SuperSID directory I see new files that have been uploaded
> today. SO I guess that some "providers" have the same default ftp_directory
> than mine that is to say they have not the ftp_directory =
> /incoming/SuperSID/NEW/. I may be worth to make a general message to point
> out this changement, no?
>
> This might be the case but I cannot confirm.
>
> jaap
>
>
>

--
Zhuchang Zhan
SSAAer

252. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-23 08:17:51 UTC
From: jecampagne
Topic: 241 Message: 252

WILLIAM & MELINDA LORD a écrit :
>
> The upload directory is the same for all of the SuperSID users. What
> differs is the data with your config information. I.e. MonitorID and
> Site. Anyone who sends data will have the monitor and site ID
> information contained in the csv file that goes to Stanford. Once the
> ftp runs, the data is removed from this folder. A copy of the
> file should remain in your local DATA folder.
>

Hello, may what is ambiguous is the sentence: "Once the ftp runs, the
data is removed from this folder." as the first time I have used automatic
the nightly saved csv file into my LOCAL DATA folder had been remove
from that folder.

Here is the peice of code in the config file when I have downloaded the
software:
automatic_upload = no
ftp_server = sid-ftp.stanford.edu
ftp_directory = /incoming/SuperSID/

What I should change to
1) transfert automaticaly the nightly csv files
2) keep on my DATA folder the files too

Regards
Jean-Eric

> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
>
> ---
> *From:* Jaap Akkerhuis <jaapna@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Tue, June 22, 2010 7:59:34 AM
> *Subject:* Re: [Super_SID] manual upload
>
>
>
>
> On Jun 22, 2010, at 9:01, jecampagne wrote:

>
> > Well in my config file the ftp_directoru was /incoming/SuperSID/
> > I guess the NEW location is a recent update that I have missed.
>
> It might be new.
>
> > Looking at the sid-ftp.stanford.edu
> <http://sid-ftp.stanford.edu/>:/incoming/SuperSID
> > right now
> > 1) I see no more files in the NEW
> > 2) my files in the SuperSID directory are no more their too, so I
> guess they have been moved by someone ?
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> Files that are uploaded are removed after they are put in the database.
>
> > 3) in the SuperSID directory I see new files that have been uploaded
> today. SO I guess that some "providers" have the same default
> ftp_directory than mine that is to say they have not the ftp_directory
> = /incoming/SuperSID/NEW/. I may be worth to make a general message to
> point out this changement, no?
>
> This might be the case but I cannot confirm.
>
> jaap
>
>

253. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-23 15:23:16 UTC
From: WILLIAM & MELINDA LORD
Topic: 241 Message: 253

Yes, you can remove the "NEW" from the config file.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: PXD Azariven (JZ) <azariven@gmail.com>
To: Super_SID@yahoogroups.com
Sent: Wed, June 23, 2010 2:43:09 AM
Subject: Re: [Super_SID] manual upload

Hello,

I'm having the same problem, so should I delete the NEW from the config or should I remain it the same.

Also, can you check if there is a site ID called SSAA created for us? Our site ID for the SIDmon is CHINA-13, but we've decided to change it. If so we'll try to upload our first data gathered by our newly arrived and assembled SuperSID

Thanks,
Zhuchang

2010/6/22 WILLIAM & MELINDA LORD <ap_guardian@ yahoo.com>

>The upload directory is the same for all of the SuperSID users. What differs is the data with your config information. I.e. MonitorID and Site. Anyone who sends data will have the monitor and site ID information contained in the csv file that goes to Stanford. Once the ftp runs, the data is removed from this folder. A copy of the file should remain in your local DATA folder.
>
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>www.tnSkyNet. com
>www.radio-astronomy .org
>
>
>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
>
>
>
>

From: Jaap Akkerhuis <jaapna@xs4all. nl>
>To: Super_SID@yahoogrou ps.com
>Sent: Tue, June 22, 2010 7:59:34 AM
>
>Subject: Re: [Super_SID] manual upload
>
>
>
>
>On Jun 22, 2010, at 9:01, jecampagne wrote:
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>> Looking at the sid-ftp.stanford. edu:/incoming/SuperSID
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>> 1) I see no more files in the NEW
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>Files that are uploaded are removed after they are put in the database.
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>> 3) in the SuperSID directory I see new files that have been uploaded today. SO I guess that some "providers" have the same default ftp_directory than mine that is to say they have not the ftp_directory = /incoming/SuperSID/ NEW/. I may be worth to make a general message to point out this changement, no?
>
>This might be the case but I cannot confirm.
>
>jaap

--
Zhuchang Zhan
SSAAer

254. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-23 15:26:07 UTC
From: WILLIAM & MELINDA LORD
Topic: 241 Message: 254

Jean-Eric,

Can you send us a copy of your config file and verify the SuperSID folder and the four folders in that one are on your local drive. The files saved to DATA folder should not be erased no matter if you send or do not send automatically.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

_____
From: jecampagne <jecampagne@...>
To: Super_SID@yahoogroups.com
Sent: Wed, June 23, 2010 3:17:51 AM
Subject: Re: [Super_SID] manual upload

WILLIAM & MELINDA LORD a écrit :

>The upload directory is the same for all of the SuperSID users. What differs is the data with your config information. I.e. MonitorID and Site. Anyone who sends data will have the monitor and site ID information contained in the csv file that goes to Stanford. Once the ftp runs, the data is removed from this folder. A copy of the file should remain in your local DATA folder.
>
Hello, may what is ambiguous is the sentence: "Once the ftp runs, the data is removed from this folder." as the first time I have used automatic
the nightly saved csv file into my LOCAL DATA folder had been remove from that folder.

Here is the peice of code in the config file when I have downloaded the software:
automatic_upload = no
ftp_server = sid-ftp.stanford. edu
ftp_directory = /incoming/SuperSID/

What I should change to
1) transfert automaticaly the nightly csv files
2) keep on my DATA folder the files too

Regards
Jean-Eric

Bill & Melinda Lord
>www.tnSkyNet. com
>www.radio-astronomy .org
>
>

>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
>
>
>
>
_____
From: Jaap Akkerhuis <jaapna@xs4all. nl>
>To: Super_SID@yahoogrou ps.com
>Sent: Tue, June 22, 2010 7:59:34 AM
>Subject: Re: [Super_SID] manual upload
>
>
>
>On Jun 22, 2010, at 9:01, jecampagne wrote:
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>Files that are uploaded are removed after they are put in the database.
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>> 3) in the SuperSID directory I see new files that have been uploaded today. SO I guess that some "providers" have the same default ftp_directory than mine that is to say they have not the ftp_directory = /incoming/SuperSID/ NEW/. I may be worth to make a general message to point out this changement, no?
>
>This might be the case but I cannot confirm.
>
>jaap

255. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-23 17:51:01 UTC
From: jecampagne
Topic: 241 Message: 255

Hi,
Below is my configuration file. Also une der supersid_v1_1_1 folder, I
have 4 folders:
1) Config: with my supersid.cfg file
2) Data: where are nightly saved the signal csv files
3) Doc: documentatuons
4) Program: the pyd and exe programs

Cheers
Jean-Eric

```
[PARAMETERS]

site_name = ANTONY
longitude = 2.30
latitude = 48.75

utc_offset = +02:00
time_zone = CEST
monitor_id = 78

audio_sampling_rate = 96000

log_interval = 5
log_type = filtered
scaling_factor = 1.0

automatic_upload = no
ftp_server = sid-ftp.stanford.edu
ftp_directory = /incoming/SuperSID/

number_of_stations = 2

[STATION_1]
call_sign = JJI
color = r
frequency = 22200

[STATION_2]
call_sign = HWV
color = g
frequency = 21750
```

WILLIAM & MELINDA LORD a écrit :
>
> Jean-Eric,
>
> Can you send us a copy of your config file and verify the SuperSID

> folder and the four folders in that one are on your local drive. The
> files saved to DATA folder should not be erased no matter if you send
> or do not send automatically.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
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> Light travels faster than sound. This is why some people appear bright
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>
>
> ---
> *From:* jecampagne <jecampagne@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Wed, June 23, 2010 3:17:51 AM
> *Subject:* Re: [Super_SID] manual upload
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> WILLIAM & MELINDA LORD a écrit :
>
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>> and Site. Anyone who sends data will have the monitor and site ID
>> information contained in the csv file that goes to Stanford. Once
>> the ftp runs, the data is removed from this folder. A copy of the
>> file should remain in your local DATA folder.
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> data is removed from this folder." as the first time I have used
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> the software:
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> ftp_server = sid-ftp.stanford. edu
> ftp_directory = /incoming/SuperSID/
>
> What I should change to
> 1) transfert automaticaly the nightly csv files
> 2) keep on my DATA folder the files too
>
> Regards

> Jean-Eric
>
>
>
>> Bill & Melinda Lord
>> www.tnSkyNet. com
>> www.radio-astronomy .org
>>
>> Light travels faster than sound. This is why some people appear
>> bright until you hear them speak. :-)
>>
>>
>> ---
>> *From:* Jaap Akkerhuis <jaapna@xs4all. nl>
>> *To:* Super_SID@yahoogrou ps.com <http://ps.com/>
>> *Sent:* Tue, June 22, 2010 7:59:34 AM
>> *Subject:* Re: [Super_SID] manual upload
>>
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>> On Jun 22, 2010, at 9:01, jecampagne wrote:
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>> general message to point out this changement, no?
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>> This might be the case but I cannot confirm.
>>
>> jaap
>>
>

256. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-23 18:54:45 UTC
From: WILLIAM & MELINDA LORD
Topic: 241 Message: 256

Eric-Jean,

So, are your files saving to DATA every night and remaining in the file to view later? Can you open SuperSID and got to "plot" and select prior days to plot to the screen?
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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From: jecampagne <jecampagne@...>
To: Super_SID@yahoogroups.com
Sent: Wed, June 23, 2010 12:51:01 PM
Subject: Re: [Super_SID] manual upload

Hi,
Below is my configuration file. Also une der supersid_v1_ 1_1 folder, I have 4 folders:
1) Config: with my supersid.cfg file
2) Data: where are nightly saved the signal csv files
3) Doc: documentatuons
4) Program: the pyd and exe programs

Cheers
Jean-Eric

[PARAMETERS]

site_name = ANTONY
longitude = 2.30
latitude = 48.75

utc_offset = +02:00
time_zone = CEST
monitor_id = 78

audio_sampling_ rate = 96000

log_interval = 5
log_type = filtered
scaling_factor = 1.0

automatic_upload = no
ftp_server = sid-ftp.stanford. edu
ftp_directory = /incoming/SuperSID/

number_of_stations = 2

[STATION_1]
call_sign = JJI
color = r
frequency = 22200

[STATION_2]
call_sign = HWV
color = g
frequency = 21750

WILLIAM & MELINDA LORD a écrit :

>Jean-Eric,
>
>Can you send us a copy of your config file and verify the SuperSID folder and the four folders in that one are on your local drive. The files saved to DATA folder should not be erased no matter if you send or do not send automatically.
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>
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>

From: jecampagne <jecampagne@free. fr>
>To: Super_SID@yahoogrou ps.com
>Sent: Wed, June 23, 2010 3:17:51 AM
>Subject: Re: [Super_SID] manual upload
>
>
>
>
>WILLIAM & MELINDA LORD a écrit :
>
>>The upload directory is the same for all of the SuperSID users. What differs is the data with your config information. I.e. MonitorID and Site. Anyone who sends data will have the monitor and site ID information contained in the csv file that goes to Stanford. Once the ftp runs, the data is removed from this folder. A copy of the file should remain in your local DATA folder.
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>ftp_server = sid-ftp.stanford. edu
>ftp_directory = /incoming/SuperSID/
>
>What I should change to
>1) transfert automaticaly the nightly csv files
>2) keep on my DATA folder the files too
>
>Regards
>Jean-Eric
>
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>
>Bill & Melinda Lord
>>www.tnSkyNet. com
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>>
>>
>>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
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From: Jaap Akkerhuis <jaapna@xs4all. nl>
>>To: Super_SID@yahoogrou ps.com
>>Sent: Tue, June 22, 2010 7:59:34 AM
>>Subject: Re: [Super_SID] manual upload
>>
>>
>>
>>On Jun 22, 2010, at 9:01, jecampagne wrote:
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>>Files that are uploaded are removed after they are put in the database.
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have not the ftp_directory = /incoming/SuperSID/ NEW/. I may be worth to make a general message to point out this changement, no?
>>
>>This might be the case but I cannot confirm.
>>
>>jaap

257. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-23 19:04:07 UTC
From: jecampagne
Topic: 241 Message: 257

WILLIAM & MELINDA LORD a écrit :
>
> Eric-Jean,
>
> So, are your files saving to DATA every night and remaining in the
> file to view later? Can you open SuperSID and got to "plot" and
> select prior days to plot to the screen?
>

Currently, it is true that csv files are saved every night in the DATA folder and I am using them either using the "plot" program but also I am writing some code to perform a little analysis (ex. correlations, background substraction...) uoo sing some tools a colleague is developping in my lab for general applications. SO it is why I should keep the files some times on my DATA folder. So, the automatic delete performed right after ftp transfer is a bit too sharp as I cannot run a paralell mechanism of saving these data on mass storage.

Cheers
Jean-Eric

> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
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>
>
> ---
> *From:* jecampagne <jecampagne@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Wed, June 23, 2010 12:51:01 PM
> *Subject:* Re: [Super_SID] manual upload
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>
>
> Hi,
> Below is my configuration file. Also une der supersid_v1_ 1_1 folder,
> I have 4 folders:
> 1) Config: with my supersid.cfg file
> 2) Data: where are nightly saved the signal csv files
> 3) Doc: documentatuons
> 4) Program: the pyd and exe programs
>
> Cheers

> Jean-Eric
>
> [PARAMETERS]
>
> site_name = ANTONY
> longitude = 2.30
> latitude = 48.75
>
> utc_offset = +02:00
> time_zone = CEST
> monitor_id = 78
>
> audio_sampling_ rate = 96000
>
> log_interval = 5
> log_type = filtered
> scaling_factor = 1.0
>
>
> automatic_upload = no
> ftp_server = sid-ftp.stanford. edu
> ftp_directory = /incoming/SuperSID/
>
>
> number_of_stations = 2
>
>
> [STATION_1]
> call_sign = JJI
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> frequency = 22200
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>
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> WILLIAM & MELINDA LORD a écrit :
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>> Jean-Eric,
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>> *From:* jecampagne <jecampagne@free. fr>
>> *To:* Super_SID@yahoogrou ps.com <http://ps.com/>
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>> What I should change to
>> 1) transfert automaticaly the nightly csv files
>> 2) keep on my DATA folder the files too
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>> Regards
>> Jean-Eric
>>
>>
>>
>>> Bill & Melinda Lord

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>>> general message to point out this changement, no?
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>>>
>>> jaap
>>>
>

258. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-24 16:47:24 UTC
From: WILLIAM & MELINDA LORD
Topic: 241 Message: 258

Jean-Eric,
The only way the files should get deleted from the DATA folder is if they are manualy deleted or if you are directing the ftp to send from this folder. The folder you use to ftp from should be different than your DATA file.

We are baffled at how the files are getting deleted. We have been running the software for several months and have files in the DATA folder from when we started.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

_____
From: jecampagne <jecampagne@...>
To: Super_SID@yahoogroups.com
Sent: Wed, June 23, 2010 2:04:07 PM
Subject: Re: [Super_SID] manual upload

WILLIAM & MELINDA LORD a écrit :

>Eric-Jean,
>
>So, are your files saving to DATA every night and remaining in the file to view later? Can you open SuperSID and got to "plot" and select prior days to plot to the screen?
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Cheers
Jean-Eric

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From: jecampagne <jecampagne@free. fr>
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>Subject: Re: [Super_SID] manual upload
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>2) Data: where are nightly saved the signal csv files
>3) Doc: documentatuons
>4) Program: the pyd and exe programs
>
>Cheers
>Jean-Eric
>
>[PARAMETERS]
>
>site_name = ANTONY
>longitude = 2.30
>latitude = 48.75
>
>utc_offset = +02:00
>time_zone = CEST
>monitor_id = 78
>
>audio_sampling_ rate = 96000
>
>log_interval = 5
>log_type = filtered
>scaling_factor = 1.0
>
>
>automatic_upload = no
>ftp_server = sid-ftp.stanford. edu
>ftp_directory = /incoming/SuperSID/
>
>
>number_of_stations = 2
>
>
>[STATION_1]
>call_sign = JJI
>color = r
>frequency = 22200
>

>[STATION_2]
>call_sign = HWV
>color = g
>frequency = 21750
>
>
>
>WILLIAM & MELINDA LORD a écrit :
>
>>Jean-Eric,
>>
>>Can you send us a copy of your config file and verify the SuperSID folder and the four folders in that one are on your local drive. The files saved to DATA folder should not be erased no matter if you send or do not send automatically.
>> Bill & Melinda Lord
>>www.tnSkyNet. com
>>www.radio-astronomy .org
>>
>>
>>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>>
>>
>>
>>
>>
_____
From: jecampagne <jecampagne@free. fr>
>>To: Super_SID@yahoogrou ps.com
>>Sent: Wed, June 23, 2010 3:17:51 AM
>>Subject: Re: [Super_SID] manual upload
>>
>>
>>
>>
>>WILLIAM & MELINDA LORD a écrit :
>>
>>>>The upload directory is the same for all of the SuperSID users. What differs is the data with your config information. I.e. MonitorID and Site. Anyone who sends data will have the monitor and site ID information contained in the csv file that goes to Stanford. Once the ftp runs, the data is removed from this folder. A copy of the file should remain in your local DATA folder.
>>>
>>Hello, may what is ambiguous is the sentence: "Once the ftp runs, the data is removed from this folder." as the first time I have used automatic
>>the nightly saved csv file into my LOCAL DATA folder had been remove from that folder.
>>
>>Here is the peice of code in the config file when I have downloaded the software:
>>automatic_upload = no
>>ftp_server = sid-ftp.stanford. edu

>>ftp_directory = /incoming/SuperSID/
>>
>>What I should change to
>>1) transfert automaticaly the nightly csv files
>>2) keep on my DATA folder the files too
>>
>>Regards
>>Jean-Eric
>>
>>
>>
>>
>>Bill & Melinda Lord
>>>www.tnSkyNet. com
>>>www.radio-astronomy .org
>>>
>>>
>>>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>>>
>>>
>>>
>>>
>>>

From: Jaap Akkerhuis <jaapna@xs4all. nl>
>>>To: Super_SID@yahoogrou ps.com
>>>Sent: Tue, June 22, 2010 7:59:34 AM
>>>Subject: Re: [Super_SID] manual upload
>>>
>>>
>>>
>>>On Jun 22, 2010, at 9:01, jecampagne wrote:
>>>
>>>> Well in my config file the ftp_directoru was /incoming/SuperSID/
>>>> I guess the NEW location is a recent update that I have missed.
>>>
>>>It might be new.
>>>
>>>> Looking at the sid-ftp.stanford. edu:/incoming/SuperSID
>>>> right now
>>>> 1) I see no more files in the NEW
>>>> 2) my files in the SuperSID directory are no more their too, so I guess they have been moved by someone ?
>>>
>>>Files that are uploaded are removed after they are put in the database.
>>>
>>>> 3) in the SuperSID directory I see new files that have been uploaded today. SO I guess that some "providers" have the same default ftp_directory than mine that is to say they have not the ftp_directory = /incoming/SuperSID/ NEW/. I may be worth to make a general

message to point out this changement, no?
>>>
>>>This might be the case but I cannot confirm.
>>>
>>>jaap

259. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-24 16:54:03 UTC
From: WILLIAM & MELINDA LORD
Topic: 241 Message: 259

Hi Zhuchang,

We have your site down as SSAA. Use MonitorID as SSID-0077.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: PXD Azariven (JZ) <azariven@...>
To: Super_SID@yahoogroups.com
Sent: Wed, June 23, 2010 2:43:09 AM
Subject: Re: [Super_SID] manual upload

Hello,

I'm having the same problem, so should I delete the NEW from the config or should I remain it the same.

Also, can you check if there is a site ID called SSAA created for us? Our site ID for the SIDmon is CHINA-13, but we've decided to change it. If so we'll try to upload our first data gathered by our newly arrived and assembled SuperSID

Thanks,
Zhuchang

2010/6/22 WILLIAM & MELINDA LORD <ap_guardian@ yahoo.com>

>The upload directory is the same for all of the SuperSID users. What differs is the data with your config information. I.e. MonitorID and Site. Anyone who sends data will have the monitor and site ID information contained in the csv file that goes to Stanford. Once the ftp runs, the data is removed from this folder. A copy of the file should remain in your local DATA folder.
>
>Bill & Melinda Lord
>www.tnSkyNet. com
>www.radio-astronomy .org
>
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From: Jaap Akkerhuis <jaapna@xs4all. nl>
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>Sent: Tue, June 22, 2010 7:59:34 AM
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>> 3) in the SuperSID directory I see new files that have been uploaded today. SO I guess that some "providers" have the same default ftp_directory than mine that is to say they have not the ftp_directory = /incoming/SuperSID/ NEW/. I may be worth to make a general message to point out this changement, no?
>
>This might be the case but I cannot confirm.
>
>jaap

--
Zhuchang Zhan
SSAAer

260. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-24 19:09:14 UTC
From: jecampagne
Topic: 241 Message: 260

SO,
how can I specify a TMP directory for transfert different from the DATA folder? and how I can "copy" automoaticaly the to be transfered from DATA to this TMP directory?
Sorry but I should have missed something or the software have changed from supersid_1_1 version

Jean-Eric

WILLIAM & MELINDA LORD a écrit :
>
> Jean-Eric,
> The only way the files should get deleted from the DATA folder is if
> they are manualy deleted or if you are directing the ftp to send from
> this folder. The folder you use to ftp from should be different than
> your DATA file.
>
> We are baffled at how the files are getting deleted. We have been
> running the software for several months and have files in the DATA
> folder from when we started.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
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>
> ---
> *From:* jecampagne <jecampagne@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Wed, June 23, 2010 2:04:07 PM
> *Subject:* Re: [Super_SID] manual upload
>
>
>
>
>
> WILLIAM & MELINDA LORD a écrit :
>
>>
>> Eric-Jean,
>>
>> So, are your files saving to DATA every night and remaining in the

>> file to view later? Can you open SuperSID and got to "plot" and
>> select prior days to plot to the screen?
>>
>
> Currently, it is true that csv files are saved every night in the DATA
> folder and I am using them either using the "plot" program but also I
> am writing some code to perform a little analysis (ex. correlations,
> background substraction. ..) uoo sing some tools a colleague is
> developping in my lab for general applications. SO it is why I should
> keep the files some times on my DATA folder. So, the automatic delete
> performed right after ftp transfer is a bit too sharp as I cannot run
> a paralell mechanism of saving these data on mass storage.
>
> Cheers
> Jean-Eric
>
>
>
>> Bill & Melinda Lord
>> www.tnSkyNet. com
>> www.radio-astronomy .org
>>
>> Light travels faster than sound. This is why some people appear
>> bright until you hear them speak. :-)
>>
>>
>> ----------
>> *From:* jecampagne <jecampagne@free. fr>
>> *To:* Super_SID@yahoogrou ps.com
>> *Sent:* Wed, June 23, 2010 12:51:01 PM
>> *Subject:* Re: [Super_SID] manual upload
>>
>>
>>
>> Hi,
>> Below is my configuration file. Also une der supersid_v1_ 1_1 folder,
>> I have 4 folders:
>> 1) Config: with my supersid.cfg file
>> 2) Data: where are nightly saved the signal csv files
>> 3) Doc: documentatuons
>> 4) Program: the pyd and exe programs
>>
>> Cheers
>> Jean-Eric
>>
>> [PARAMETERS]
>>
>> site_name = ANTONY
>> longitude = 2.30
>> latitude = 48.75

>>
>> utc_offset = +02:00
>> time_zone = CEST
>> monitor_id = 78
>>
>> audio_sampling_ rate = 96000
>>
>> log_interval = 5
>> log_type = filtered
>> scaling_factor = 1.0
>>
>>
>> automatic_upload = no
>> ftp_server = sid-ftp.stanford. edu
>> ftp_directory = /incoming/SuperSID/
>>
>>
>> number_of_stations = 2
>>
>>
>> [STATION_1]
>> call_sign = JJI
>> color = r
>> frequency = 22200
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>> color = g
>> frequency = 21750
>>
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>> WILLIAM & MELINDA LORD a écrit :
>>
>>>
>>> Jean-Eric,
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>>> Can you send us a copy of your config file and verify the SuperSID
>>> folder and the four folders in that one are on your local drive.
>>> The files saved to DATA folder should not be erased no matter if you
>>> send or do not send automatically.
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>>> Bill & Melinda Lord
>>> www.tnSkyNet. com
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>>>

>>> --
>>> *From:* jecampagne <jecampagne@free. fr>
>>> *To:* Super_SID@yahoogrou ps.com <http://ps.com/>
>>> *Sent:* Wed, June 23, 2010 3:17:51 AM
>>> *Subject:* Re: [Super_SID] manual upload
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>>>
>>>
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>>>> The upload directory is the same for all of the SuperSID users.
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>>>> MonitorID and Site. Anyone who sends data will have the monitor
>>>> and site ID information contained in the csv file that goes to
>>>> Stanford. Once the ftp runs, the data is removed from this
>>>> folder. A copy of the file should remain in your local DATA folder.
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>>> Hello, may what is ambiguous is the sentence: "Once the ftp runs,
>>> the data is removed from this folder." as the first time I have used
>>> automatic
>>> the nightly saved csv file into my LOCAL DATA folder had been remove
>>> from that folder.
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>>> Here is the peice of code in the config file when I have downloaded
>>> the software:
>>> automatic_upload = no
>>> ftp_server = sid-ftp.stanford. edu
>>> ftp_directory = /incoming/SuperSID/
>>>
>>> What I should change to
>>> 1) transfert automaticaly the nightly csv files
>>> 2) keep on my DATA folder the files too
>>>
>>> Regards
>>> Jean-Eric
>>>
>>>
>>>
>>>> Bill & Melinda Lord
>>>> www.tnSkyNet. com
>>>> www.radio-astronomy .org
>>>>
>>>> Light travels faster than sound. This is why some people appear
>>>> bright until you hear them speak. :-)
>>>>
>>>>

>>>> ---
>>>> *From:* Jaap Akkerhuis <jaapna@xs4all. nl>
>>>> *To:* Super_SID@yahoogrou ps.com <http://ps.com/>
>>>> *Sent:* Tue, June 22, 2010 7:59:34 AM
>>>> *Subject:* Re: [Super_SID] manual upload
>>>>
>>>>
>>>>
>>>>
>>>> On Jun 22, 2010, at 9:01, jecampagne wrote:
>>>>
>>>> > Well in my config file the ftp_directoru was /incoming/SuperSID/
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>>>>
>>>> It might be new.
>>>>
>>>> > Looking at the sid-ftp.stanford. edu
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>>>> > right now
>>>> > 1) I see no more files in the NEW
>>>> > 2) my files in the SuperSID directory are no more their too, so I
>>>> guess they have been moved by someone ?
>>>>
>>>> Files that are uploaded are removed after they are put in the database.
>>>>
>>>> > 3) in the SuperSID directory I see new files that have been
>>>> uploaded today. SO I guess that some "providers" have the same
>>>> default ftp_directory than mine that is to say they have not the
>>>> ftp_directory = /incoming/SuperSID/ NEW/. I may be worth to make a
>>>> general message to point out this changement, no?
>>>>
>>>> This might be the case but I cannot confirm.
>>>>
>>>> jaap
>>>>
>

261. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-25 05:51:37 UTC
From: PXD Azariven (JZ)
Topic: 241 Message: 261

Hi,

Thank you very much. We have another Moniter: SSID-0017 to be set up in the next 2 week, so can you make a folder (or config) for that too? Also, is it possible to record data from two SSID moniter with one computer? (We have mulitiple audio input)

2010/6/25 WILLIAM & MELINDA LORD <ap_guardian@...>

>
>
> Hi Zhuchang,
>
> We have your site down as SSAA. Use MonitorID as SSID-0077.
>
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnskynet.com/>
> www.radio-astronomy.org
>
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
>
> ------------------------------
> *From:* PXD Azariven (JZ) <azariven@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Wed, June 23, 2010 2:43:09 AM
>
> *Subject:* Re: [Super_SID] manual upload
>
>
>
>
> Hello,
>
> I'm having the same problem, so should I delete the NEW from the config or
> should I remain it the same.
>
> Also, can you check if there is a site ID called SSAA created for us? Our
> site ID for the SIDmon is CHINA-13, but we've decided to change it. If so
> we'll try to upload our first data gathered by our newly arrived and
> assembled SuperSID
>
> Thanks,
> Zhuchang
>

> 2010/6/22 WILLIAM & MELINDA LORD <ap_guardian@ yahoo.com<ap_guardian@...>
> >
>
>>
>>
>> The upload directory is the same for all of the SuperSID users. What
>> differs is the data with your config information. I.e. MonitorID and
>> Site. Anyone who sends data will have the monitor and site ID information
>> contained in the csv file that goes to Stanford. Once the ftp runs, the
>> data is removed from this folder. A copy of the file should remain in your
>> local DATA folder.
>>
>> Bill & Melinda Lord
>> www.tnSkyNet. com <http://www.tnskynet.com/>
>> www.radio-astronomy .org <http://www.radio-astronomy.org/>
>>
>>
>> Light travels faster than sound. This is why some people appear bright
>> until you hear them speak. :-)
>>
>>
>> ------------------------------
>> *From:* Jaap Akkerhuis <jaapna@xs4all. nl <jaapna@...>>
>> *To:* Super_SID@yahoogrou ps.com <Super_SID@yahoogroups.com>
>>
>> *Sent:* Tue, June 22, 2010 7:59:34 AM
>>
>> *Subject:* Re: [Super_SID] manual upload
>>
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>> On Jun 22, 2010, at 9:01, jecampagne wrote:
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>> > Well in my config file the ftp_directoru was /incoming/SuperSID/
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>>
>> It might be new.
>>
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>> :/incoming/SuperSID
>> > right now
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>> > 2) my files in the SuperSID directory are no more their too, so I guess
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>> Files that are uploaded are removed after they are put in the database.
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>> > 3) in the SuperSID directory I see new files that have been uploaded
>> today. SO I guess that some "providers" have the same default ftp_directory

>> than mine that is to say they have not the ftp_directory =
>> /incoming/SuperSID/ NEW/. I may be worth to make a general message to point
>> out this changement, no?
>>
>> This might be the case but I cannot confirm.
>>
>> jaap
>>
>>
>
>
> --
> Zhuchang Zhan
> SSAAer
>
>
>

--
Zhuchang Zhan
SSAAer

262. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-26 21:37:35 UTC
From: WILLIAM & MELINDA LORD
Topic: 241 Message: 262

Hello Zhuchang,

"We have another Moniter: SSID-0017 to be set up in the next 2 week, so can you make a folder (or config) for that too? "

Yes, the Stanford site will accept data from this monitor ID.

"Is it possible to record data from two SSID moniter with one computer?"

Even if you have two sound cards, Windows X-P will not let you record/sample from both at the same time. If you have Windows 7, we are told you might be able to do this. We do not have Windows 7, so we can not say for sure if this is true.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: PXD Azariven (JZ) <azariven@...>
To: Super_SID@yahoogroups.com; tonyvilliam@...
Sent: Fri, June 25, 2010 12:51:37 AM
Subject: Re: [Super_SID] manual upload

Hi,

Thank you very much. We have another Moniter: SSID-0017 to be set up in the next 2 week, so can you make a folder (or config) for that too? Also, is it possible to record data from two SSID moniter with one computer? (We have mulitiple audio input)

2010/6/25 WILLIAM & MELINDA LORD <ap_guardian@ yahoo.com>

>Hi Zhuchang,
>
>We have your site down as SSAA. Use MonitorID as SSID-0077.
>
>Bill & Melinda Lord
>www.tnSkyNet. com
>www.radio-astronomy .org
>
>
>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
>
>

>
>

>From: PXD Azariven (JZ) <azariven@gmail. com>
>
>To: Super_SID@yahoogrou ps.com
>Sent: Wed, June 23, 2010 2:43:09 AM
>
>Subject: Re: [Super_SID] manual upload
>
>
>Hello,
>
>
>I'm having the same problem, so should I delete the NEW from the config or should I remain it the same.
>
>Also, can you check if there is a site ID called SSAA created for us? Our site ID for the SIDmon is CHINA-13, but we've decided to change it. If so we'll try to upload our first data gathered by our newly arrived and assembled SuperSID
>
>Thanks,
>Zhuchang
>
>
>2010/6/22 WILLIAM & MELINDA LORD <ap_guardian@ yahoo.com>
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>>The upload directory is the same for all of the SuperSID users. What differs is the data with your config information. I.e. MonitorID and Site. Anyone who sends data will have the monitor and site ID information contained in the csv file that goes to Stanford. Once the ftp runs, the data is removed from this folder. A copy of the file should remain in your local DATA folder.
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From: Jaap Akkerhuis <jaapna@xs4all. nl>
>>To: Super_SID@yahoogrou ps.com

>>
>>Sent: Tue, June 22, 2010 7:59:34 AM
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>>Subject: Re: [Super_SID] manual upload
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>>On Jun 22, 2010, at 9:01, jecampagne wrote:
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>
>
>--
>Zhuchang   Zhan
>SSAAer
>

--
Zhuchang   Zhan
SSAAer

263. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-28 14:36:32 UTC
From: WILLIAM & MELINDA LORD
Topic: 241 Message: 263

Jean-Eric,

Have you tried changing the config file to- automatic_upload = yes

The program should create it's own temp folder to send data from your site to Stanford.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: jecampagne <jecampagne@...>
To: Super_SID@yahoogroups.com
Sent: Thu, June 24, 2010 2:09:14 PM
Subject: Re: [Super_SID] manual upload

SO,
how can I specify a TMP directory for transfert different from the DATA folder? and how I can "copy" automoaticaly the to be transfered from DATA to this TMP directory?
Sorry but I should have missed something or the software have changed from supersid_1_1 version

Jean-Eric

WILLIAM & MELINDA LORD a écrit :

>Jean-Eric,
>The only way the files should get deleted from the DATA folder is if they are manualy deleted or if you are directing the ftp to send from this folder. The folder you use to ftp from should be different than your DATA file.
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>We are baffled at how the files are getting deleted. We have been running the software for several months and have files in the DATA folder from when we started.
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From: jecampagne <jecampagne@free. fr>
>To: Super_SID@yahoogrou ps.com
>Sent: Wed, June 23, 2010 2:04:07 PM
>Subject: Re: [Super_SID] manual upload
>
>
>
>
>WILLIAM & MELINDA LORD a écrit :
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>>Eric-Jean,
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>>So, are your files saving to DATA every night and remaining in the file to view later? Can you open SuperSID and got to "plot" and select prior days to plot to the screen?
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>Currently, it is true that csv files are saved every night in the DATA folder and I am using them either using the "plot" program but also I am writing some code to perform a little analysis (ex. correlations, background substraction. ..) uoo sing some tools a colleague is developping in my lab for general applications. SO it is why I should keep the files some times on my DATA folder. So, the automatic delete performed right after ftp transfer is a bit too sharp as I cannot run a paralell mechanism of saving these data on mass storage.
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>Cheers
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>>2) Data: where are nightly saved the signal csv files
>>3) Doc: documentatuons
>>4) Program: the pyd and exe programs
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>>Cheers
>>Jean-Eric
>>
>>[PARAMETERS]
>>
>>site_name = ANTONY
>>longitude = 2.30
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>>time_zone = CEST
>>monitor_id = 78
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>>automatic_upload = no
>>ftp_server = sid-ftp.stanford. edu
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>>number_of_stations = 2
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>>
>>WILLIAM & MELINDA LORD a écrit :
>>
>>>>Jean-Eric,
>>>

>>>Can you send us a copy of your config file and verify the SuperSID folder and the four folders in that one are on your local drive. The files saved to DATA folder should not be erased no matter if you send or do not send automatically.
>>> Bill & Melinda Lord
>>>www.tnSkyNet. com
>>>www.radio-astronomy .org
>>>
>>>
>>>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>>>
>>>
>>>
>>>
>>>

_____
From: jecampagne <jecampagne@free. fr>
>>>To: Super_SID@yahoogrou ps.com
>>>Sent: Wed, June 23, 2010 3:17:51 AM
>>>Subject: Re: [Super_SID] manual upload
>>>
>>>
>>>
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>>>>>>The upload directory is the same for all of the SuperSID users. What differs is the data with your config information. I.e. MonitorID and Site. Anyone who sends data will have the monitor and site ID information contained in the csv file that goes to Stanford. Once the ftp runs, the data is removed from this folder. A copy of the file should remain in your local DATA folder.
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>>>Hello, may what is ambiguous is the sentence: "Once the ftp runs, the data is removed from this folder." as the first time I have used automatic
>>>the nightly saved csv file into my LOCAL DATA folder had been remove from that folder.
>>>
>>>Here is the peice of code in the config file when I have downloaded the software:
>>>automatic_upload = no
>>>ftp_server = sid-ftp.stanford. edu
>>>ftp_directory = /incoming/SuperSID/
>>>
>>>What I should change to
>>>1) transfert automaticaly the nightly csv files
>>>2) keep on my DATA folder the files too
>>>
>>>Regards
>>>Jean-Eric
>>>
>>>
>>>

>>>
>>>Bill & Melinda Lord
>>>>www.tnSkyNet. com
>>>>www.radio-astronomy .org
>>>>
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>>>>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
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From: Jaap Akkerhuis <jaapna@xs4all. nl>
>>>>To: Super_SID@yahoogrou ps.com
>>>>Sent: Tue, June 22, 2010 7:59:34 AM
>>>>Subject: Re: [Super_SID] manual upload
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>>>>On Jun 22, 2010, at 9:01, jecampagne wrote:
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>>>>It might be new.
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>>>>> right now
>>>>> 1) I see no more files in the NEW
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>>>>Files that are uploaded are removed after they are put in the database.
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>>>>> 3) in the SuperSID directory I see new files that have been uploaded today. SO I guess that some "providers" have the same default ftp_directory than mine that is to say they have not the ftp_directory = /incoming/SuperSID/ NEW/. I may be worth to make a general message to point out this changement, no?
>>>>
>>>>This might be the case but I cannot confirm.
>>>>
>>>>jaap

264. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-28 17:27:25 UTC
From: jecampagne
Topic: 241 Message: 264

Not yet.
I will do it tomorrow morning.
Jean-Eric

WILLIAM & MELINDA LORD a écrit :
>
> Jean-Eric,
>
> Have you tried changing the config file to- automatic_upload = yes
>
> The program should create it's own temp folder to send data from your
> site to Stanford.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
>
> ---
> *From:* jecampagne <jecampagne@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Thu, June 24, 2010 2:09:14 PM
> *Subject:* Re: [Super_SID] manual upload
>
>
>
> SO,
> how can I specify a TMP directory for transfert different from the
> DATA folder? and how I can "copy" automoaticaly the to be transfered
> from DATA to this TMP directory?
> Sorry but I should have missed something or the software have changed
> from supersid_1_1 version
>
> Jean-Eric
>
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>
>>
>> Jean-Eric,
>> The only way the files should get deleted from the DATA folder is if
>> they are manualy deleted or if you are directing the ftp to send from
>> this folder. The folder you use to ftp from should be different than

>> your DATA file.
>>
>> We are baffled at how the files are getting deleted. We have been
>> running the software for several months and have files in the DATA
>> folder from when we started.
>>
>> Bill & Melinda Lord
>> www.tnSkyNet. com
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>>
>> Light travels faster than sound. This is why some people appear
>> bright until you hear them speak. :-)
>>
>>
>> ---
>> *From:* jecampagne <jecampagne@free. fr>
>> *To:* Super_SID@yahoogrou ps.com <http://ps.com/>
>> *Sent:* Wed, June 23, 2010 2:04:07 PM
>> *Subject:* Re: [Super_SID] manual upload
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>>
>>
>>
>>
>> WILLIAM & MELINDA LORD a écrit :
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>>>
>>> Eric-Jean,
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>>> So, are your files saving to DATA every night and remaining in the
>>> file to view later? Can you open SuperSID and got to "plot" and
>>> select prior days to plot to the screen?
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>> Currently, it is true that csv files are saved every night in the
>> DATA folder and I am using them either using the "plot" program but
>> also I am writing some code to perform a little analysis (ex.
>> correlations, background substraction. ..) uoo sing some tools a
>> colleague is developping in my lab for general applications. SO it is
>> why I should keep the files some times on my DATA folder. So, the
>> automatic delete performed right after ftp transfer is a bit too
>> sharp as I cannot run a paralell mechanism of saving these data on
>> mass storage.
>>
>> Cheers
>> Jean-Eric
>>
>>
>>
>>> Bill & Melinda Lord

>>> www.tnSkyNet. com
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>>> Light travels faster than sound. This is why some people appear
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>>> ---
>>> *From:* jecampagne <jecampagne@free. fr>
>>> *To:* Super_SID@yahoogrou ps.com
>>> *Sent:* Wed, June 23, 2010 12:51:01 PM
>>> *Subject:* Re: [Super_SID] manual upload
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>>> Hi,
>>> Below is my configuration file. Also une der supersid_v1_ 1_1
>>> folder, I have 4 folders:
>>> 1) Config: with my supersid.cfg file
>>> 2) Data: where are nightly saved the signal csv files
>>> 3) Doc: documentatuons
>>> 4) Program: the pyd and exe programs
>>>
>>> Cheers
>>> Jean-Eric
>>>
>>> [PARAMETERS]
>>>
>>> site_name = ANTONY
>>> longitude = 2.30
>>> latitude = 48.75
>>>
>>> utc_offset = +02:00
>>> time_zone = CEST
>>> monitor_id = 78
>>>
>>> audio_sampling_ rate = 96000
>>>
>>> log_interval = 5
>>> log_type = filtered
>>> scaling_factor = 1.0
>>>
>>>
>>> automatic_upload = no
>>> ftp_server = sid-ftp.stanford. edu
>>> ftp_directory = /incoming/SuperSID/
>>>
>>>
>>> number_of_stations = 2
>>>

>>>
>>> [STATION_1]
>>> call_sign = JJI
>>> color = r
>>> frequency = 22200
>>>
>>> [STATION_2]
>>> call_sign = HWV
>>> color = g
>>> frequency = 21750
>>>
>>>
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>>>> folder and the four folders in that one are on your local drive.
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>>>>> and site ID information contained in the csv file that goes to
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>>>>> *From:* Jaap Akkerhuis <jaapna@xs4all. nl>
>>>>> *To:* Super_SID@yahoogrou ps.com <http://ps.com/>
>>>>> *Sent:* Tue, June 22, 2010 7:59:34 AM
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>>>>> general message to point out this changement, no?
>>>>>
>>>>> This might be the case but I cannot confirm.
>>>>>
>>>>> jaap
>>>>>
>

265. Re: [Super_SID] manual upload

Yahoo group: Super_SID
Date: 2010-06-30 08:05:12 UTC
From: jecampagne
Topic: 241 Message: 265

Hi Bill and Melinda
Did you receive some data ?
At least their was no error generated and my files are still on the DATA folder.
Bye
Jean-Eric

WILLIAM & MELINDA LORD a écrit :
>
> Jean-Eric,
>
> Have you tried changing the config file to- automatic_upload = yes
>
> The program should create it's own temp folder to send data from your
> site to Stanford.
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> Bill & Melinda Lord
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>>>>> general message to point out this changement, no?
>>>>>
>>>>> This might be the case but I cannot confirm.
>>>>>
>>>>> jaap
>>>>>
>

266. What happend here with 24Khz NAA ??

Yahoo group: Super_SID
Date: 2010-06-30 13:14:26 UTC
From: abrandi2000
Topic: 266 Message: 266

Hello,

i review my VLF Logs and found an interesting burst on 24Khz.

the signal incrase extemly strong around 07:00 UTC.

http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/537814607/view

First thinking about a local disturbance but after checking at anothers VLF page 150Km North of me and he had the same incrase.

http://www.df3lp.de/cgi-bin/fh/plot_channel.cgi?date=10-06-29&freq=24.0KHz

So what happend here? Gammy ray burst??

Any ideas??

267. Fw: [Aavso-sid-list] SID

Yahoo group: Super_SID
Date: 2010-07-09 20:48:12 UTC
From: WILLIAM & MELINDA LORD
Topic: 267 Message: 267

FYI
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

----- Forwarded Message ----
From: Gary Myers <gmyers@...>
To: aavso-sid-list@...
Sent: Fri, July 9, 2010 3:00:40 PM
Subject: [Aavso-sid-list] SID

I'm picking up a nice long sustaining SID right now on NLK, 2000Z. Looks to be the remains of 1082.

Cheers!

Gary

_____
Aavso-sid-list mailing list
Aavso-sid-list@...
http://mira.aavso.org/mailman/listinfo/aavso-sid-list

Santa Barbara Instrument Group (www.sbig.com) Proud sponsor of the American Association of Variable Star Observers.

269. Re: Fw: [Aavso-sid-list] SID

Yahoo group: Super_SID
Date: 2010-07-10 07:18:48 UTC
From: abrandi2000
Topic: 267 Message: 269

Hello,

yes. Yesterday was some activity on Sun. But 1087 is the source. I expect in the next days more activity!

http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/568530129/vi\
ew

Interesting is, the C1.8 and B5.3 was visiable!

regards
Karl-Heinz

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> FYI
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
>
> Light travels faster than sound. This is why some people appear bright until you
> hear them speak. :-)
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>
>
>
> ----- Forwarded Message ----
> From: Gary Myers <gmyers@...>
> To: aavso-sid-list@...
> Sent: Fri, July 9, 2010 3:00:40 PM
> Subject: [Aavso-sid-list] SID
>
> I'm picking up a nice long sustaining SID right now on NLK, 2000Z. Looks to
> be the remains of 1082.
>
>
>
> Cheers!
>
> Gary
>
> _____
> Aavso-sid-list mailing list
> Aavso-sid-list@...
> http://mira.aavso.org/mailman/listinfo/aavso-sid-list

>
> Santa Barbara Instrument Group (www.sbig.com) Proud sponsor of the American
> Association of Variable Star Observers.
>

270. Greetings from a new member

Yahoo group: Super_SID
Date: 2010-07-16 02:14:09 UTC
From: flanken2002
Topic: 270 Message: 270

My name is Michael Rudolph, call sign N3IRT, QTH Silver Spring, Maryland. I am a complete neophyte to SuperSID and attempting to set up for the first time with the help of Bill and Melinda Lord. I look forward to meeting more of you who are involved in the project as time goes on.

Genesis Solar Observatory is my base of observation, established adjacent to my home in a suburb of Washington, DC, so noise of all kinds is an issue. My first astronomical setup was optical using H-alpha to observe the sun. More recently, I set up a 30-foot tower with a VHF log periodic antenna to track the sun and record a 10 MHx spectrum centered at 145 MHz. This VHF installation is a brand new endeavor also.

Michael

271. Re: [Super_SID] Greetings from a new member

Yahoo group: Super_SID
Date: 2010-07-16 09:12:03 UTC
From: DIVYADARSHAN PUROHIT
Topic: 270 Message: 271

Dear Michael,
You are most well come in our Super Sid group.Lord family is great,I also have been trained & benefited by them.I am sure your enthusiasm,work will help to improve Sid.my best wishes for your new project,
regards,
DdPurohit

On Fri, Jul 16, 2010 at 7:44 AM, flanken2002 <Dr.Rudolph@genesisastronomy.us> wrote:

>
>
> My name is Michael Rudolph, call sign N3IRT, QTH Silver Spring, Maryland. I
> am a complete neophyte to SuperSID and attempting to set up for the first
> time with the help of Bill and Melinda Lord. I look forward to meeting more
> of you who are involved in the project as time goes on.
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> Genesis Solar Observatory is my base of observation, established adjacent
> to my home in a suburb of Washington, DC, so noise of all kinds is an issue.
> My first astronomical setup was optical using H-alpha to observe the sun.
> More recently, I set up a 30-foot tower with a VHF log periodic antenna to
> track the sun and record a 10 MHx spectrum centered at 145 MHz. This VHF
> installation is a brand new endeavor also.
>
> Michael
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

272. Re: [Super_SID] Greetings from a new member

Yahoo group: Super_SID
Date: 2010-07-18 10:13:27 UTC
From: PXD Azariven (JZ)
Topic: 270 Message: 272

Dear Michael,

Welcome to the Supersid group. we're a team from China, glad to be able to cooperate with you guys.

2010/7/16 DIVYADARSHAN PUROHIT <divyadarshan63@...>

>
>
> Dear Michael,
> You are most well come in our Super Sid group.Lord family is great,I also
> have been trained & benefited by them.I am sure your enthusiasm,work will
> help to improve Sid.my best wishes for your new project,
> regards,
> DdPurohit
>
> On Fri, Jul 16, 2010 at 7:44 AM, flanken2002 <
> Dr.Rudolph@...> wrote:
>
>>
>>
>> My name is Michael Rudolph, call sign N3IRT, QTH Silver Spring, Maryland.
>> I am a complete neophyte to SuperSID and attempting to set up for the first
>> time with the help of Bill and Melinda Lord. I look forward to meeting more
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>> track the sun and record a 10 MHx spectrum centered at 145 MHz. This VHF
>> installation is a brand new endeavor also.
>>
>> Michael
>>
>>
>
>
> --
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
>
>
>

--
Zhuchang Zhan
SSAAer

273. Strong Electromagnetic interface

Yahoo group: Super_SID
Date: 2010-07-25 02:09:47 UTC
From: PXD Azariven (JZ)
Topic: 273 Message: 273

Hello,

We're recieving a very strong disturbance signal with our SuperSID. We're not sure what it is and the planetarium is too big for us to take it all apart. Is there a way to detect such device?

--
Zhuchang Zhan
SSAAer

274. Windows 7

Yahoo group: Super_SID
Date: 2010-07-25 02:36:42 UTC
From: Syd
Topic: 274 Message: 274

Can anyone help with windows 7. I have a laptop with Windows 7 and it wont let me run the supersid .exe file.
It used to but now it has decided not to.
It never liked the disk with the programme on. So I had to take the programme from my column XP computer and transfer it to the lap top via a memory stick. I've tried changing all the various programme settings 95, 200 xp(2) etc on the windows 7 but to no avail.
If I put the disk in the machine it gets stuck in a loop. The disk runs
Some message about roxy burn comes up I get rid of it or agree to it . Message goes, disk runs, message re-appears.??
I have used the computer to load some radio frequencies into a radio; all worked well.
Any suggestions. The Computer has not been subject to internet use.
And this is my first contact and use with '7'

Regards to all

Alex

275. Re: [Super_SID] Windows 7

Yahoo group: Super_SID
Date: 2010-07-25 05:24:37 UTC
From: DIVYADARSHAN PUROHIT
Topic: 274 Message: 275

Dear Alex,
Win 7 has this problem,my experience said that it is better to adopt
XP,service pack 2 or 3,SSID runs perfectly on this o.s..
regards,
DDPurohit
On Sun, Jul 25, 2010 at 8:06 AM, Syd <sydgeezer@...> wrote:

>
>
>
> Can anyone help with windows 7. I have a laptop with Windows 7 and it wont
> let me run the supersid .exe file.
> It used to but now it has decided not to.
> It never liked the disk with the programme on. So I had to take the
> programme from my column XP computer and transfer it to the lap top via a
> memory stick. I've tried changing all the various programme settings 95, 200
> xp(2) etc on the windows 7 but to no avail.
> If I put the disk in the machine it gets stuck in a loop. The disk runs
> Some message about roxy burn comes up I get rid of it or agree to it .
> Message goes, disk runs, message re-appears.??
> I have used the computer to load some radio frequencies into a radio; all
> worked well.
> Any suggestions. The Computer has not been subject to internet use.
> And this is my first contact and use with '7'
>
> Regards to all
>
> Alex
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

276. Re: [Super_SID] Strong Electromagnetic interface

Yahoo group: Super_SID
Date: 2010-07-25 05:35:52 UTC
From: DIVYADARSHAN PUROHIT
Topic: 273 Message: 276

Dear Zhuchang Zhan,
We have faced the same situation at our planetarium during testing of SSID,it came from our giant central A.C.Plant.If you are using digital system (we have opto-mechanical from Carl zeis) then it also may create electromagnetic disturbances.

I have installed my SSID at the top floor of my house,it is my suggestion to move at lest 250 meter from your EM source.
regards,
DDPurohit

On Sun, Jul 25, 2010 at 7:39 AM, PXD Azariven (JZ) <azariven@...>wrote:

>
>
> Hello,
>
> We're recieving a very strong disturbance signal with our SuperSID. We're
> not sure what it is and the planetarium is too big for us to take it all
> apart. Is there a way to detect such device?
>
> --
> Zhuchang Zhan
> SSAAer
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

277. Re: [Super_SID] Strong Electromagnetic interface

Yahoo group: Super_SID
Date: 2010-07-25 12:14:35 UTC
From: Tom Crowley
Topic: 273 Message: 277

Suggest you use a portable AM radio to look for the interference. Depending on the type of interference you are having the AM radio will do a good job locating it. Just start walking out from the antenna and the interference should be heard on the AM radio. Continue to go in the direction of the noise until it's located. You can then try to move the antenna to a quieter location as indicated by less noise from the AM radio.

Good luck,

Tom Crowley

From: PXD Azariven (JZ)
Sent: Saturday, July 24, 2010 10:09 PM
To: Super_SID@yahoogroups.com ; WILLIAM & MELINDA LORD ; Deborah Scherrer
Subject: [Super_SID] Strong Electromagnetic interface

Hello,

We're recieving a very strong disturbance signal with our SuperSID. We're not sure what it is and the planetarium is too big for us to take it all apart. Is there a way to detect such device?

--
Zhuchang Zhan
SSAAer

278. Re: Windows 7

Yahoo group: Super_SID
Date: 2010-07-25 08:15:07 UTC
From: abrandi2000
Topic: 274 Message: 278

Hi,

SuperSID is running without any problems on my 2 Windows 7 astronomy pc's!! Just copy the SuperSID folder to your destination folder.
Edit config file and double click on supersid.exe.
A popup windows apear and agree with "OK" to start this exe and supersid startet.

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, DIVYADARSHAN PUROHIT <divyadarshan63@...> wrote:
>
> Dear Alex,
> Win 7 has this problem,my experience said that it is better to adopt
> XP,service pack 2 or 3,SSID runs perfectly on this o.s..
> regards,
> DDPurohit
> On Sun, Jul 25, 2010 at 8:06 AM, Syd <sydgeezer@...> wrote:
>
> > >
> > >
> > >
> > > Can anyone help with windows 7. I have a laptop with Windows 7 and it wont
> > > let me run the supersid .exe file.
> > > It used to but now it has decided not to.
> > > It never liked the disk with the programme on. So I had to take the
> > > programme from my column XP computer and transfer it to the lap top via a
> > > memory stick. I've tried changing all the various programme settings 95, 200
> > > xp(2) etc on the windows 7 but to no avail.
> > > If I put the disk in the machine it gets stuck in a loop. The disk runs
> > > Some message about roxy burn comes up I get rid of it or agree to it .
> > > Message goes, disk runs, message re-appears.??
> > > I have used the computer to load some radio frequencies into a radio; all
> > > worked well.
> > > Any suggestions. The Computer has not been subject to internet use.
> > > And this is my first contact and use with '7'
> > >
> > > Regards to all
> > >
> > > Alex
> > >
> > >
> > >
> >
> >
> >

> --
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
>

279. Fw: SIDs

Yahoo group: Super_SID
Date: 2010-08-01 15:28:52 UTC
From: WILLIAM & MELINDA LORD
Topic: 279 Message: 279

Hi Folks,

Can anyone help Jerry out about a possible SID? Our equipment is in storage while we are building our house, so we can not offer much help.

Jerry,
Have you looked at Stanford's data http://sid.stanford.edu/database-browser/ .
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

----- Forwarded Message ----
From: "JWink38223@..." <JWink38223@...>
To: ap_guardian@yahoo.com
Sent: Sat, July 31, 2010 9:32:29 PM
Subject: Re: SIDs

Hi Tim: The SID I may have mentioned was fairly small, so your equipment may

or may not have picked it up, but here are the details: (NAA, 3:36 pm local time,

Houston(7-28-2010) , beginning 3:36, peak about 3:43:51, ending about

4:02:51 pm. As I recall those times are more or less typical for a SID.

From what you know: Did anybody anywhere pick this one up??

The only people who might have a clue is the US gov., and I don't know who

to ask??

Take care,

Jerry Winkler, A50

280. Re: [Super_SID] Fw: SIDs

Yahoo group: Super_SID
Date: 2010-08-01 21:15:11 UTC
From: JGAVELLONE@aol.com
Topic: 279 Message: 280

JERRY:

BIll's advise is good.
Also check out MOORE OBSERVATORY VLF archives
http://moondog.astro.louisville.edu (http://moondog.astro.louisville.edu)

It's good practice to use Universal Time (UT) rather than local. Makes
data comparisons easier.

I was monitoring the 24kHz NAA signal that day. (I use a minimal
"homebrew" detector, not a Super SID). There was a Class C2.8 X-Ray flare (NOAA
EVENT # 6650+) from 2033 to 2049 UT (Max @ 2042 UT. This flare caused a SID
on my chart. You likely detected the same.
You can get the NOAA events from: "TODAY'S SPACE WEATHER @:
http://www.swpc.noaa.gov/today.html (http://www.swpc.noaa.gov/today.html)

Regards,
John Avellone
Nellysford, VA

In a message dated 8/1/2010 11:28:58 A.M. Eastern Daylight Time,
ap_guardian@... writes:

Hi Folks,

Can anyone help Jerry out about a possible SID? Our equipment is in
storage while we are building our house, so we can not offer much help.

Jerry,
Have you looked at Stanford's data
http://sid.stanfordhttp://sid.stahttp://s (http://sid.stanford.edu/database-browser/) .

Bill & Melinda Lord
www.tnSkyNet.www
www.radio-astronomywww.radio

Light travels faster than sound. This is why some people appear bright
until you hear them speak. :-)

----- Forwarded Message ----
From: "JWink38223@ "JWink38223@<JWink38223@...>
To: ap_guardian@ ap_g
Sent: Sat, July 31, 2010 9:32:29 PM
Subject: Re: SIDs

Hi Tim: The SID I may have mentioned was fairly small, so your equipment
may

or may not have picked it up, but here are the details: (NAA, 3:36 pm local time,

Houston(7-28-Houston(7-28-<WBR>2010) , beginning 3:36, peak about 3:4

4:02:51 pm. As I recall those times are more or less typical for a SID.

From what you know: Did anybody anywhere pick this one up??

The only people who might have a clue is the US gov., and I don't know who

to ask??

Take care,

Jerry Winkler, A50

281. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2010-08-04 16:01:22 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 281

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /GoogleEarth/vlf.kml
Uploaded by : yo9gjx <yo9gjx@...>
Description : VLF stations

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/GoogleEarth/vlf.kml

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

yo9gjx <yo9gjx@...>

282. C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-07 18:36:34 UTC
From: Marcus D. Leech
Topic: 282 Message: 282

My monitor is capturing an enhancement at the moment on the 24.0KHz
channel (NAA). The flare commenced at 18:15, according
to GOES data, and is still in progress.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

283. Re: [Super_SID] C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-07 19:41:55 UTC
From: Nicholas Gross
Topic: 282 Message: 283
Attachments: 1 described; binary payloads are missing from this source WARC

Hey Marcus,
Great observing!

SWPC has only just started issuing its alerts about an hour ago, which I think is about the time that you sent you message (http://www.swpc.noaa.gov/alerts/archive/current_month.html). The SOHO coronagraphs (http://sohowww.nascom.nasa.gov/data/realtime/mpeg/) have not caught up yet and so we don't know if a Coronal Mass Ejection (CME) was associated with this flare. SDO images (http://sdo.gsfc.nasa.gov/data/) suggest that the flare is from the active region in the northwest quadrant, but you really have to look at the movies to see it happen.
(http://sdo.gsfc.nasa.gov/data/aiahmi/dayform.php)

We have yet to see any energetic protons or electrons (radiation) at the WIND space craft sitting at its sentinel point between us and the Sun at L1 (http://www.swpc.noaa.gov/ace/EPAMp_24h.html).

Be interesting to see how this solar activity develops.
Great alert Marcus and let's keep watching.

Nick Gross

Marcus D. Leech wrote:
> My monitor is capturing an enhancement at the moment on the 24.0KHz
> channel (NAA). The flare commenced at 18:15, according
> to GOES data, and is still in progress.
>
>
--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

284. Re: [Super_SID] C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-07 19:53:16 UTC
From: Marcus D. Leech
Topic: 282 Message: 284

On 08/07/2010 03:41 PM, Nicholas Gross wrote:
>
> Hey Marcus,
> Great observing!
>
> SWPC has only just started issuing its alerts about an hour ago, which I
> think is about the time that you sent you message
> (http://www.swpc.noaa.gov/alerts/archive/current_month.html). The SOHO
> coronagraphs (http://sohowww.nascom.nasa.gov/data/realtime/mpeg/) have
> not caught up yet and so we don't know if a Coronal Mass Ejection (CME)
> was associated with this flare. SDO images
> (http://sdo.gsfc.nasa.gov/data/) suggest that the flare is from the
> active region in the northwest quadrant, but you really have to look at
> the movies to see it happen.
> (http://sdo.gsfc.nasa.gov/data/aiahmi/dayform.php)
>
> We have yet to see any energetic protons or electrons (radiation) at the
> WIND space craft sitting at its sentinel point between us and the Sun at
> L1 (http://www.swpc.noaa.gov/ace/EPAMp_24h.html).
>
> Be interesting to see how this solar activity develops.
> Great alert Marcus and let's keep watching.
>
> Nick Gross
>
>
The X-Ray flux still hasn't dropped into the noise, although my SID
receiver stopped seeing any
noticeable enhancement about 30 minutes ago.

I came into "work" (my little scientific radio business) to see if
different, low-VHF, instrument could see
anything. I was doubtful, since the antenna is indoors at the moment
(waiting to go on the roof).
But I'm currently seeing about a 7% drop in background noise. We'll
see if it rises again
in synchrony with the drop in X-ray flux.

> .
>
>

285. Re: [Super_SID] C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-07 23:52:24 UTC
From: Marcus D. Leech
Topic: 282 Message: 285

On 08/07/2010 03:41 PM, Nicholas Gross wrote:
>
>
> Hey Marcus,
> Great observing!
>
> SWPC has only just started issuing its alerts about an hour ago, which I
> think is about the time that you sent you message
> (http://www.swpc.noaa.gov/alerts/archive/current_month.html). The SOHO
> coronagraphs (http://sohowww.nascom.nasa.gov/data/realtime/mpeg/) have
> not caught up yet and so we don't know if a Coronal Mass Ejection (CME)
> was associated with this flare. SDO images
> (http://sdo.gsfc.nasa.gov/data/) suggest that the flare is from the
> active region in the northwest quadrant, but you really have to look at
> the movies to see it happen.
> (http://sdo.gsfc.nasa.gov/data/aiahmi/dayform.php)
>
> We have yet to see any energetic protons or electrons (radiation) at the
> WIND space craft sitting at its sentinel point between us and the Sun at
> L1 (http://www.swpc.noaa.gov/ace/EPAMp_24h.html).
>
> Be interesting to see how this solar activity develops.
> Great alert Marcus and let's keep watching.
>
> Nick Gross
>
I watched the SDO imagery, and you can see a shock-wave propagate across
the face of the sun when the flare happens in that coronal hole
in the northwest. Amazing stuff!

>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

286. Re: [Super_SID] C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-08 00:22:15 UTC
From: Marcus D. Leech
Topic: 282 Message: 286

Here's a plot of the effects on NAA reception of that X-Ray flare.

http://www.sbrac.org/files/naa-20100807.png

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

287. RE: [Super_SID] C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-08 01:18:57 UTC
From: Michael Rudolph
Topic: 282 Message: 287
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Marcus,

I am new to SuperSID observations so I am attaching what I received today.
Please tell me if I have observed the same SID as has been discussed.

My print-out has less detail than yours. How did you acquire your chart?

Can you give me a list of observatory and monitor web sites that I should
routinely compare to my data? Right now I only know about GOES.

Regards,

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf
Of Marcus D. Leech
Sent: Saturday, August 07, 2010 8:22 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] C7 X-ray flare in progress.

Here's a plot of the effects on NAA reception of that X-Ray flare.

http://www.sbrac.org/files/naa-20100807.png

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

288. RE: [Super_SID] C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-08 01:30:09 UTC
From: Michael Rudolph
Topic: 282 Message: 288
Attachments: 2 described; binary payloads are missing from this source WARC

Dear Marcus,

I recently sent an MS Word attachment that did not get through. In what formats are attachments sent to this group?

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Marcus D. Leech
Sent: Saturday, August 07, 2010 8:22 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] C7 X-ray flare in progress.

Here's a plot of the effects on NAA reception of that X-Ray flare.

http://www.sbrac.org/files/naa-20100807.png

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

289. Re: [Super_SID] C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-08 01:51:47 UTC
From: Marcus D. Leech
Topic: 282 Message: 289

On 08/07/2010 09:30 PM, Michael Rudolph wrote:
>
>
> *Dear Marcus,*
>
> * *
>
> *I recently sent an MS Word attachment that did not get through. In
> what formats are attachments sent to this group?*
>
> * *
>
> *Michael*
>
> * *
>
Michael:*

*I don't know about attachments--I just uploaded it to my own website
and sent a pointer to it.

I use my own receiver software, a sound card, a Behringer microphone
pre-amp, and a 1.8M diameter loop antenna.

I use some custom scripts to process the data, and then use Gnu Plot to
plot it. But I'm a Linux head, so I don't know
what you'd do on Windows.

290. Re: [Super_SID] C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-08 08:35:45 UTC
From: Jaap Akkerhuis
Topic: 282 Message: 290

On Aug 8, 2010, at 3:30, Michael Rudolph wrote:

> I recently sent an MS Word attachment that did not get through.

They actually got through, but one was 137x25 pixels and the other was 1x1 pixel, so not a lot to see. Something went wrong making them.

And in case people wonder I also noticed a flare.

jaap

291. Re: C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-08 08:57:51 UTC
From: abrandi2000
Topic: 282 Message: 291

Hello Marcus,

nice detection! This M1 Class Flare was for Europe to late to get good results. I got only a small Dip on 24Khz NAA.

http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/153690257/view

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> Here's a plot of the effects on NAA reception of that X-Ray flare.
>
>
> http://www.sbrac.org/files/naa-20100807.png
>
>
>
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

292. RE: [Super_SID] C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-09 16:00:35 UTC
From: Michael Rudolph
Topic: 282 Message: 292
Attachments: 2 described; binary payloads are missing from this source WARC

Would someone kindly explain how to interpret the WIND plots at http://www.swpc.noaa.gov/ace/EPAMp_24h.html for use in correlating SuperSID observations? Among other things, I do not know what the left axis represents and what the various graphs represent. I do not see a key.

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Nicholas Gross
Sent: Saturday, August 07, 2010 3:42 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] C7 X-ray flare in progress.

Hey Marcus,
Great observing!

SWPC has only just started issuing its alerts about an hour ago, which I think is about the time that you sent you message (http://www.swpc.noaa.gov/alerts/archive/current_month.html). The SOHO coronagraphs (http://sohowww.nascom.nasa.gov/data/realtime/mpeg/) have not caught up yet and so we don't know if a Coronal Mass Ejection (CME) was associated with this flare. SDO images (http://sdo.gsfc.nasa.gov/data/) suggest that the flare is from the active region in the northwest quadrant, but you really have to look at the movies to see it happen. (http://sdo.gsfc.nasa.gov/data/aiahmi/dayform.php)

We have yet to see any energetic protons or electrons (radiation) at the WIND space craft sitting at its sentinel point between us and the Sun at L1 (http://www.swpc.noaa.gov/ace/EPAMp_24h.html).

Be interesting to see how this solar activity develops.
Great alert Marcus and let's keep watching.

Nick Gross

Marcus D. Leech wrote:
> My monitor is capturing an enhancement at the moment on the 24.0KHz
> channel (NAA). The flare commenced at 18:15, according
> to GOES data, and is still in progress.
>
>
--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling

Astronomy Department, Boston University
gross@... <mailto:gross%40bu.edu>
617-358-3245

293. Re: [Super_SID] C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-10 14:43:19 UTC
From: Nicholas Gross
Topic: 282 Message: 293
Attachments: 1 described; binary payloads are missing from this source WARC

Hi everyone,

Some geomagnetic activity is expected as the edge of the CME launched at the same time as the flare on the 7th clips Earth's magnetosphere. The official forcast from the Space Weather Prediction Center (SWPC) can be found here
http://www.swpc.noaa.gov/forecast.html

Keep an eye on the ACE solar wind data from L1 (http://www.swpc.noaa.gov/ace/MAG_SWEPAM_24h.html) for increases in speed and density, and dramatic changes in the magnetic field.
Also watch the SWPC site for increases in the Estimated Kp index which indicates disturbances in the Earth's magnetosphere.

Again, some nice observing Marcus. The flare was the start of this event.
Nick

Marcus D. Leech wrote:
> My monitor is capturing an enhancement at the moment on the 24.0KHz
> channel (NAA). The flare commenced at 18:15, according
> to GOES data, and is still in progress.
>
>

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

294. Re: [Super_SID] C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-10 15:36:02 UTC
From: Nicholas Gross
Topic: 282 Message: 294
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Michael,

Few things.
First, the energetic particle (mostly high energy/speed protons and electrons) do not directly correlate to the SuperSID observations. The SuperSID's show the upper atmospheres response to changes in the UV/X-Ray flux that ionizes the atoms and molecules. Direct measure of X-Rays can be seen from the GOES spacecraft which is always on the main page of the NOAA Space Weather Prediction Center (http://www.swpc.noaa.gov/).
Older plots can be found archived at (http://www.swpc.noaa.gov/ftpmenu/plots.html)
You can also see the X-Ray flares images occur in the Solar sentinels at L1 such as the Solar Dynamic Explorer (SDO).
The SDO movie below is an example.

Energetic particles are often generated during solar flares and it may be possible to see them in ACE Solar wind data that you are pointing to. Energetic particles travel near the speed of light and so they can arrive within half an hour of the original X-Ray flare. More often though, these show the energetic particles generated by the approaching Coronal Mass Ejection shock wave which is traveling at the 'slugish' speed of only several hundred kilometers a second and so will arrive a few days after the associated X-Ray flare. We are just starting to see the rise in energetic particles now (http://www.swpc.noaa.gov/ace/EPAM_3d.html) as the CME launched on the 7th approaches.

Final note. This data is from the ACE spacecraft http://www.srl.caltech.edu/ACE/ which is at the L1 point, 1 million miles up stream (about 1% of the Sun-Earth distance) up(solar)wind from us. The Wind spacecraft does similar measurements as the ACE spacecraft, is not always at L1. ACE data is the data used by SWPC for it's forecasts.

We are clearly in the rising phase of the solar cycle after an extended quiet period with little activity. The sun is no routinely has sunspots with associated active regions facing us. Now is the time to begin to understand how the SID and SuperSID monitors operate and how the data relates to solar activity.

Hope this is helpful.
Let me know if you have any other questions.

Nick

Michael Rudolph wrote:
>
>
> *Would someone kindly explain how to interpret the WIND plots at
> *http://www.swpc.noaa.gov/ace/EPAMp_24h.html for use in correlating
> SuperSID observations? Among other things, I do not know what the
> left axis represents and what the various graphs represent. I do not
> see a key.
>
>
>
> Michael**
>
> * *
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *On Behalf Of *Nicholas Gross
> *Sent:* Saturday, August 07, 2010 3:42 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] C7 X-ray flare in progress.
>
>
>
>
>
>
> Hey Marcus,
> Great observing!
>
> SWPC has only just started issuing its alerts about an hour ago, which I
> think is about the time that you sent you message
> (http://www.swpc.noaa.gov/alerts/archive/current_month.html). The SOHO
> coronagraphs (http://sohowww.nascom.nasa.gov/data/realtime/mpeg/) have
> not caught up yet and so we don't know if a Coronal Mass Ejection (CME)
> was associated with this flare. SDO images
> (http://sdo.gsfc.nasa.gov/data/) suggest that the flare is from the
> active region in the northwest quadrant, but you really have to look at
> the movies to see it happen.
> (http://sdo.gsfc.nasa.gov/data/aiahmi/dayform.php)
>
> We have yet to see any energetic protons or electrons (radiation) at the
> WIND space craft sitting at its sentinel point between us and the Sun at
> L1 (http://www.swpc.noaa.gov/ace/EPAMp_24h.html).
>
> Be interesting to see how this solar activity develops.
> Great alert Marcus and let's keep watching.
>
> Nick Gross
>
> Marcus D. Leech wrote:
> > My monitor is capturing an enhancement at the moment on the 24.0KHz
> > channel (NAA). The flare commenced at 18:15, according

> > to GOES data, and is still in progress.
> >
> >
> --
> Nicholas Gross, Ph.D.
> co-Director for Education
> Center for Integrated Space Weather Modeling
> Astronomy Department, Boston University
> gross@... <mailto:gross%40bu.edu>
> 617-358-3245
>
>
>
>

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

295. RE: [Super_SID] C7 X-ray flare in progress.

Yahoo group: Super_SID
Date: 2010-08-10 16:50:18 UTC
From: Michael Rudolph
Topic: 282 Message: 295
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Nicholas,

Thank you for the explanations.

1. Is there ever a correlation of SIDs with proton and electron flux charts?

2. Is GOES 14 the only Satellite measuring x-ray flux that is published?

3. I sometimes see spikes on two or three of the frequencies I am monitoring that exactly correspond in time but no one else has reported a SID. Is this likely momentary noise across the spectrum?

Thank you,

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Nicholas Gross
Sent: Tuesday, August 10, 2010 11:36 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] C7 X-ray flare in progress.

Hi Michael,

Few things.
First, the energetic particle (mostly high energy/speed protons and electrons) do not directly correlate to the SuperSID observations. The SuperSID's show the upper atmospheres response to changes in the UV/X-Ray flux that ionizes the atoms and molecules. Direct measure of X-Rays can be seen from the GOES spacecraft which is always on the main page of the NOAA Space Weather Prediction Center (http://www.swpc.noaa.gov/).
Older plots can be found archived at (http://www.swpc.noaa.gov/ftpmenu/plots.html)
You can also see the X-Ray flares images occur in the Solar sentinels at L1 such as the Solar Dynamic Explorer (SDO).
The SDO movie below is an example.

Energetic particles are often generated during solar flares and it may be possible to see them in ACE Solar wind data that you are pointing to. Energetic particles travel near the speed of light and so they can arrive within half an hour of the original X-Ray flare. More often though, these show the energetic particles generated by the approaching Coronal Mass Ejection shock wave which is traveling at the 'slugish'

speed of only several hundred kilometers a second and so will arrive a few days after the associated X-Ray flare. We are just starting to see the rise in energetic particles now (http://www.swpc.noaa.gov/ace/EPAM_3d.html) as the CME launched on the 7th approaches.

Final note. This data is from the ACE spacecraft http://www.srl.caltech.edu/ACE/ which is at the L1 point, 1 million miles up stream (about 1% of the Sun-Earth distance) up(solar)wind from us. The Wind spacecraft does similar measurements as the ACE spacecraft, is not always at L1. ACE data is the data used by SWPC for it's forecasts.

We are clearly in the rising phase of the solar cycle after an extended quiet period with little activity. The sun is no routinely has sunspots with associated active regions facing us. Now is the time to begin to understand how the SID and SuperSID monitors operate and how the data relates to solar activity.

Hope this is helpful.
Let me know if you have any other questions.

Nick

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> *Would someone kindly explain how to interpret the WIND plots at
> *http://www.swpc.noaa.gov/ace/EPAMp_24h.html for use in correlating
> SuperSID observations? Among other things, I do not know what the
> left axis represents and what the various graphs represent. I do not
> see a key.
>
>
>
> Michael**
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> * *
>
> *From:* Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
[mailto:Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>]
> *On Behalf Of *Nicholas Gross
> *Sent:* Saturday, August 07, 2010 3:42 PM
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> *Subject:* Re: [Super_SID] C7 X-ray flare in progress.
>
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>
> Hey Marcus,
> Great observing!

>
> SWPC has only just started issuing its alerts about an hour ago, which I
> think is about the time that you sent you message
> (http://www.swpc.noaa.gov/alerts/archive/current_month.html). The SOHO
> coronagraphs (http://sohowww.nascom.nasa.gov/data/realtime/mpeg/) have
> not caught up yet and so we don't know if a Coronal Mass Ejection (CME)
> was associated with this flare. SDO images
> (http://sdo.gsfc.nasa.gov/data/) suggest that the flare is from the
> active region in the northwest quadrant, but you really have to look at
> the movies to see it happen.
> (http://sdo.gsfc.nasa.gov/data/aiahmi/dayform.php)
>
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> WIND space craft sitting at its sentinel point between us and the Sun at
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> Be interesting to see how this solar activity develops.
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> Nicholas Gross, Ph.D.
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> Astronomy Department, Boston University
> gross@... <mailto:gross%40bu.edu> <mailto:gross%40bu.edu>
> 617-358-3245
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>

--
Nicholas Gross, Ph.D.
co-Director for Education
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Astronomy Department, Boston University
gross@... <mailto:gross%40bu.edu>
617-358-3245

296. RE: [Super_SID] Question on slope of chart

Yahoo group: Super_SID
Date: 2010-08-10 17:25:55 UTC
From: Michael Rudolph
Topic: 282 Message: 296
Attachments: 1 described; binary payloads are missing from this source WARC

Dear group,

I am attaching a spectrum trace with no antenna or pre-amp connected. Why is the noise signal level higher at the lower frequencies and sloping down to the right rather than it being approximately level?

73,

Michael

297. Small Flare

Yahoo group: Super_SID
Date: 2010-09-03 18:06:28 UTC
From: Nicholas Gross
Topic: 297 Message: 297
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Everyone,
A minor flare showed up in the GOES X-Ray data.
http://www.swpc.noaa.gov/today.html#xray
It would be interesting to check the SuperSID data for this. It may be
right on the edge of detection and show the relative sensitivity of the
instrument during very quiet times.
No movie is available for this flare yet but watch
http://sdo.gsfc.nasa.gov/data/dailymov.php
tomorrow for today's movie.
Nick

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

298. Re: [Super_SID] Small Flare

Yahoo group: Super_SID
Date: 2010-09-03 18:14:40 UTC
From: Marcus D. Leech
Topic: 297 Message: 298

On 09/03/2010 02:06 PM, Nicholas Gross wrote:
>
> Hi Everyone,
> A minor flare showed up in the GOES X-Ray data.
> http://www.swpc.noaa.gov/today.html#xray
> It would be interesting to check the SuperSID data for this. It may be
> right on the edge of detection and show the relative sensitivity of the
> instrument during very quiet times.
> No movie is available for this flare yet but watch
> http://sdo.gsfc.nasa.gov/data/dailymov.php
> tomorrow for today's movie.
> Nick
>
> --
> Nicholas Gross, Ph.D.
> co-Director for Education
> Center for Integrated Space Weather Modeling
> Astronomy Department, Boston University
> gross@... <mailto:gross%40bu.edu>
> 617-358-3245
>
I've never seen flares smaller than C3 or so produce any noticeable VLF
disturbance, but I'll look
at my data tonight.

> Yahoo! Groups
> <http://groups.yahoo.com/;_ylc=X3oDMTJlNHF2NHQyBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdyc
HNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTI4MzUzNzIwNQ-->
>
> Switch to: Text-Only
> <mailto:Super_SID-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Trad
itional>,
> Daily Digest
> <mailto:Super_SID-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest>
> . Unsubscribe
> <mailto:Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe> .
> Terms of Use <http://docs.yahoo.com/info/terms/>
> .
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium

http://www.sbrac.org

299. RE: [Super_SID] Small Flare

Yahoo group: Super_SID
Date: 2010-09-03 19:03:23 UTC
From: Michael Rudolph
Topic: 297 Message: 299
Attachments: 2 described; binary payloads are missing from this source WARC

Hi all,

Has anyone tried to access Stanford University's web site where our data are stored? I have not been able to connect for several days.

Michael Rudolph

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Nicholas Gross
Sent: Friday, September 03, 2010 2:06 PM
To: Super_SID@yahoogroups.com
Cc: Debbie
Subject: [Super_SID] Small Flare

Hi Everyone,
A minor flare showed up in the GOES X-Ray data.
http://www.swpc.noaa.gov/today.html#xray
It would be interesting to check the SuperSID data for this. It may be right on the edge of detection and show the relative sensitivity of the instrument during very quiet times.
No movie is available for this flare yet but watch
http://sdo.gsfc.nasa.gov/data/dailymov.php
tomorrow for today's movie.
Nick

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@... <mailto:gross%40bu.edu>
617-358-3245

300. Re: Small Flare

Yahoo group: Super_SID
Date: 2010-09-04 08:44:24 UTC
From: abrandi2000
Topic: 297 Message: 300

Hello Marcus,

the smallest i ever detected was a B6,8
http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/1758651275/view

Better visiable are b7.8
http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/238072717/view

But this deppend on right time, right sun position, observed station direction and distance.

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> On 09/03/2010 02:06 PM, Nicholas Gross wrote:
> >
> > Hi Everyone,
> > A minor flare showed up in the GOES X-Ray data.
> > http://www.swpc.noaa.gov/today.html#xray
> > It would be interesting to check the SuperSID data for this. It may be
> > right on the edge of detection and show the relative sensitivity of the
> > instrument during very quiet times.
> > No movie is available for this flare yet but watch
> > http://sdo.gsfc.nasa.gov/data/dailymov.php
> > tomorrow for today's movie.
> > Nick
> >
> > --
> > Nicholas Gross, Ph.D.
> > co-Director for Education
> > Center for Integrated Space Weather Modeling
> > Astronomy Department, Boston University
> > gross@... <mailto:gross%40bu.edu>
> > 617-358-3245
> >
> I've never seen flares smaller than C3 or so produce any noticeable VLF
> disturbance, but I'll look
> at my data tonight.
>
>
> > Yahoo! Groups
> > <http://groups.yahoo.com/;_ylc=X3oDMTJlNHF2NHQyBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTI4MzUzNzIwNQ-->
> >

> > Switch to: Text-Only
> > <mailto:Super_SID-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Traditional>,
> > Daily Digest
> > <mailto:Super_SID-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest>
> > . Unsubscribe
> > <mailto:Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe> .
> > Terms of Use <http://docs.yahoo.com/info/terms/>
> > .
> >
> >
>
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

301. New streetlights causing me grief

Yahoo group: Super_SID
Date: 2010-09-05 00:33:27 UTC
From: Marcus D. Leech
Topic: 301 Message: 301

This summer the town where I live has been busy replacing the aging
sodium lights with newer technology ones that seem to be
some kind of Hg-vapour system. They're very blue, and look a lot like
large U-shaped fluorescent lights. Once the street lights
start coming on, my passband from about 17KHz all the way up to 48KHz
is very noisy. Sigh.

Anyone else seen these things, and know anything about them?

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

302. [SuperSID]: QUESTION?

Yahoo group: Super_SID
Date: 2010-09-08 12:37:32 UTC
From: Sardor Tojiev
Topic: 302 Message: 302

Dear Yahoo group,

I've a question?
In our institue we have SuperSID antenna.
The wire length of this antenna aproximately 10 meter.
Can we change it to 25-30 meter or more? How long the
limitation length of the wire?
Please, anyone give me some advise about this.

--
Best wishes,
Sardor

303. Re: [Super_SID] [SuperSID]: QUESTION?

Yahoo group: Super_SID
Date: 2010-09-08 23:10:41 UTC
From: WILLIAM & MELINDA LORD
Topic: 302 Message: 303

Hi Sardor,
The recomended length of the antenna wire is 400 ft wrapped in a one meter antenna frame. The coax is recommended to be no more than 50 ft.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Sardor Tojiev <tojievs@...>
To: Super_SID@yahoogroups.com
Cc: Sardor Tojiev <sardor@...>
Sent: Wed, September 8, 2010 7:37:32 AM
Subject: [Super_SID] [SuperSID]: QUESTION?

Dear Yahoo group,

I've a question?
In our institue we have SuperSID antenna.
The wire length of this antenna aproximately 10 meter.
Can we change it to 25-30 meter or more? How long the
limitation length of the wire?
Please, anyone give me some advise about this.

--
Best wishes,
Sardor

304. C-class Solar Flare around Just before Midnight UT

Yahoo group: Super_SID
Date: 2010-09-09 10:54:43 UTC
From: Nicholas Gross
Topic: 304 Message: 304
Attachments: 1 described; binary payloads are missing from this source WARC

Looks like an active region on the east limb of the sun burped.
There is a flare (http://www.swpc.noaa.gov/today.html#xray) and
associated CME.
The most recent movies from SDO shows activity just over the limb of the
sun.
See For example:
http://sdo.gsfc.nasa.gov/assets/img/latest/latest_1024_0211.mpg
You can find similar movies at http://sdo.gsfc.nasa.gov/ and choosing a
wavelength from the list under
'Latest 48 Hour MPEGs'

The CME is not directed towards Earth as you can see from the SOHO
Corona Graph moview
http://sohowww.nascom.nasa.gov/data/LATEST/current_c2small.mpg

The Stereo ahead spacecraft should have a nice image, but that site
appears to be down at the time I am writing this.

Nick

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

305. RE: [Super_SID] How to find location of monitors

Yahoo group: Super_SID
Date: 2010-09-09 22:27:32 UTC
From: Michael Rudolph
Topic: 304 Message: 305

Dear group,

Does anyone know the most efficient way to determine the geographic location of each monitor listed on the Stanford U. SID website? For example, I want to know who and where QTH is. I can try to look for it on the map by clicking balloon after balloon, but that is a huge task.

Michael Rudolph

306. RE: [Super_SID] C-class Solar Flare around Just before Midnight UT

Yahoo group: Super_SID
Date: 2010-09-10 12:53:49 UTC
From: Michael Rudolph
Topic: 304 Message: 306
Attachments: 2 described; binary payloads are missing from this source WARC

Dear Nicholas,

Thank you for your report. Can you please orient me regarding the SOHO web site? I cannot seem to find the coronagraph movie on the site that your link shows.

Regards,

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Nicholas Gross
Sent: Thursday, September 09, 2010 6:55 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] C-class Solar Flare around Just before Midnight UT

Looks like an active region on the east limb of the sun burped.
There is a flare (http://www.swpc.noaa.gov/today.html#xray) and associated CME.
The most recent movies from SDO shows activity just over the limb of the sun.
See For example:
http://sdo.gsfc.nasa.gov/assets/img/latest/latest_1024_0211.mpg
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The CME is not directed towards Earth as you can see from the SOHO Corona Graph moview
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The Stereo ahead spacecraft should have a nice image, but that site appears to be down at the time I am writing this.

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Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@... <mailto:gross%40bu.edu>
617-358-3245

307. RE: [Super_SID] How to find location of moni tors

Yahoo group: Super_SID
Date: 2010-09-10 12:55:17 UTC
From: Jaap Akkerhuis
Topic: 307 Message: 307

For a station that uploads the data to Stanford, you can go to the data browser, click retrieve files, get a data file over and look in the header. For QTH you'll find:

```
# Site = QTH
# Longitude = -74.164587
# Latitude = 41.067630
#
```

This might not be all the data you would like, but it is a start.

jaap

308. RE: [Super_SID] How to find location of monitors

Yahoo group: Super_SID
Date: 2010-09-10 15:21:41 UTC
From: Michael Rudolph
Topic: 307 Message: 308
Attachments: 2 described; binary payloads are missing from this source WARC

Thank you Jaap. I would never have thought of doing it that way.

You are doing so well at answering my questions that I thought I would ask a few more to anyone who wishes to answer.

1. It seems to me that the black and colored arrows on the Stanford website (representing sunrise and sunset of the monitors and the stations) are inaccurate. Has anyone else thought so?

2. It seems to me that, from time to time, several monitors look like they are reporting a SID when GOES 14 is not reporting an event. Why might that be?

3. For purposes of analysis, how long before my monitor□s sunrise and after my monitor□s sunset might it be profitable to consider?

4. A related question: Since the sun sees the earth□s ionosphere beyond the horizon that I can see, could not a solar flare show up on my monitor during my night hours?

5. What other kinds of events can cause a SID other than a burst from the sun?

6. Just above the GOES Solar X-ray Flux graphical display at <http://www.swpc.noaa.gov/> http://www.swpc.noaa.gov, □Solar Radiation Storms□ that usually reports □NONE□ even when a solar event is reported. At what level is an event called a solar radiation storm?

7. The Stanford site identifies events that are □C2.0□ or greater. What is a □C□ event as compared, say, to a □B□ event?

I apologize for my ignorance that causes so many questions. I am indebted to this group for my education.

Michael Rudolph

From: Super_SID@yahoogroups.com [mailto:Super_SID@...m] On Behalf Of Jaap Akkerhuis
Sent: Friday, September 10, 2010 8:55 AM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] How to find location of monitors

For a station that uploads the data to Stanford, you can go to the data browser, click retrieve files, get a data file over and look in the header. For QTH you'll find:

```
# Site = QTH
# Longitude = -74.164587
# Latitude = 41.067630
#
```

This might not be all the data you would like, but it is a start.

jaap

309. Re: [Super_SID] How to find location of moni tors

Yahoo group: Super_SID
Date: 2010-09-12 22:35:59 UTC
From: Jaap Akkerhuis
Topic: 307 Message: 309

On Sep 10, 2010, at 17:21, Michael Rudolph wrote:

>
> Thank you Jaap. I would never have thought of doing it that way.
>
> You are doing so well at answering my questions that I thought I would ask a few more to anyone who wishes to answer.

I'm a sucker for compliments, so I'll try. But note that there is some hand waving here.

> 1. It seems to me that the black and colored arrows on the Stanford website (representing sunrise and sunset of the monitors and the stations) are inaccurate. Has anyone else thought so?

Not really, what makes you think so? At one time I was confused because I mixed up the stations with the monitor sites, another time I didn't realize that the data browser uses UTC for times one has to correct to for the local time zone of the monitor or station.

> 2. It seems to me that, from time to time, several monitors look like they are reporting a SID when GOES 14 is not reporting an event. Why might that be?

If it is like a "spike" it might some local noise, things like that. Also, not all monitors are equally sensitive and of course, a "SID event" has by nature a local component. If it is "night", it won't show. And that brings us to your next question.

> 3. For purposes of analysis, how long before my monitor’s sunrise and after my monitor’s sunset might it be profitable to consider?

The quick answer is "it depends". And it depends on the longitude where the transmitter *and* the monitor are located. If that is more or less the same (and the latitude difference is not more then say 90 degrees) the terms sunset and sunrise can be used in its normal meaning. And in that case, one should consider the period that there is a D-layer in the ionosphere, roughly an hour after sunrise until sunset (it taes some time to build up and fade away).

> 4. A related question: Since the sun sees the earth’s ionosphere beyond the horizon that I can see, could not a solar flare show up on my monitor during my night hours?

Well, as I tried to explain, one can actually only speak about "my night hours" when station and monitors are on a similar longitude but apart from that, during the night there is no D-Layer so a flare from the sun apparently isn't strong enough to build such a layer and thus disturbing the reflection of VLF signals. So no, the flares won't show up by night.

All this interaction between various layers is actually more complicated. On the solar center site SID publications there is a paper by Sharad Khanal <http://solar-center.stanford.edu/SID/docs/effect-of-flares.doc> which does a splendid job explaining this.

> 5. What other kinds of events can cause a SID other than a burst from the sun?

The easy answer: anything that disturbs the D-Layer. And I'm afraid that I don't have a better answer.

> 6. Just above the GOES Solar X-ray Flux graphical display at http://www.swpc.noaa.gov, “Solar Radiation Storms” that usually reports “NONE” even when a solar event is reported. At what level is an event called a solar radiation storm?
>
> 7. The Stanford site identifies events that are “C2.0” or greater. What is a “C” event as compared, say, to a “B” event?

There are quite some different type of "solar events" which won't necessarily show up as a SID event. See for example <http://www.swpc.noaa.gov/ftpdir/indices/events/README>.

It also gives definitions for the various (X-ray) B, C M and X classes. It is the same classification as used by Stanford, see the Super Sid manual (page 79 or so, <http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/Doc/SuperSIDManual_v1.pdf>).

> I apologize for my ignorance that causes so many questions. I am indebted to this group for my education.

Without questions, there wouldn't be any answers :-).

jaap

310. RE: [Super_SID] How to find location of monitors

Yahoo group: Super_SID
Date: 2010-09-12 23:44:53 UTC
From: Michael Rudolph
Topic: 307 Message: 310

Hi Jaap,

Thank you for responding. I understand your answers and thank you for them. I am answering a question you asked; I TYPED IN CAPITAL LETTERS for clarity:

> 1. It seems to me that the black and colored arrows on the Stanford website (representing sunrise and sunset of the monitors and the stations) are inaccurate. Has anyone else thought so?

Not really, what makes you think so? At one time I was confused because I mixed up the stations with the monitor sites, another time I didn't realize that the data browser uses UTC for times one has to correct to for the local time zone of the monitor or station.

MY MONITOR NAME IS GENESIS AND I AM OBSERVING AND REPORTING ON 4 RADIO STATIONS. WHEN I FILTER THE DISPLAYS ON THE STANFORD WEBSITE (BY CLICKING "ADD" AND MARKING THE CHECK BOXES ADJACENT TO MY MONITORS, MY 4 DISPLAYS NATURALLY APPEAR UNDER ONE ANOTHER. ALL OF THE BLACK ARROWS POINTING UPWARD ARE AT 0030 UTC WHICH IS 2030 EDT, MY LOCAL TIME. THE BLACK ARROWS POINTING DOWNWARD ARE AT 1310 UTC WHICH IS 0910 EDT, MY LOCAL TIME. MY SUNRISE SHOULD BE ABOUT 6:47 EDT.

Best wishes,
Michael

311. Re: [Super_SID] How to find location of moni tors

Yahoo group: Super_SID
Date: 2010-09-13 10:58:58 UTC
From: Jaap Akkerhuis
Topic: 307 Message: 311

Hi Michael,

Thank you for responding. I understand your answers and thank you for them.
I am answering a question you asked; I TYPED IN CAPITAL LETTERS for clarity:

The capital letters make it clear but wasn't really necessary. Anyway,
back to the problem at hand:

> 1. It seems to me that the black and colored arrows
on the Stanford website (representing sunrise and sunset
of the monitors and the stations) are inaccurate. Has
anyone else thought so?

Not really, what makes you think so? At one time I was
confused because I mixed up the stations with the monitor
sites, another time I didn't realize that the data browser
uses UTC for times one has to correct to for the local time
zone of the monitor or station.

MY MONITOR NAME IS GENESIS AND I AM OBSERVING AND REPORTING ON
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IS 2030 EDT, MY LOCAL TIME. THE BLACK ARROWS POINTING DOWNWARD
ARE AT 1310 UTC WHICH IS 0910 EDT, MY LOCAL TIME. MY SUNRISE
SHOULD BE ABOUT 6:47 EDT.

The black arrows are the local sunset and sunrise times of the
transmitter, not of the monitor. You have to look at the "colored"
(blue) arrows to get the local time of the monitor.

There is something else going on as well. If I look at your data
header (in the file Genesis_P003_NAA_2010-09-11T00.00.00.txt) I
see:

```
# Site = Genesis
# Longitude = 77.08
# Latitude = 39.05
#
# UTC_Offset = -4
# TimeZone = Eastern Daylight Time (EDT)
#
```

This information seems in contradiction. The Latitude & Longitude
places your monitor into East Tibet or, so while the time zone says
you are on the US East Coast. It seems to me that the longitude

should actually be -77.08.

I don't know what is used for calculating the local times, but I think
it is the geographic information. Therefore you want to fix the longitude
and I expect that things then will make more sense.

Regards,

jaap

PS. if you look in other data files, there are more where the
Longitude is missing a minus. The files from Chile for instance.
Also, have a look to the Super Sid manual (page 72, Appendix G) for
the details how to specify this information.

312. Re: [Super_SID] How to find lo cation of monitors

Yahoo group: Super_SID
Date: 2010-09-13 15:49:15 UTC
From: Nicholas Gross
Topic: 307 Message: 312
Attachments: 1 described; binary payloads are missing from this source WARC

Jaap,
Some really great answers here! Let me see if I can add a couple of to
the list.
See my inserts below.

>> 5. What other kinds of events can cause a SID other than a burst from the sun?
> The easy answer: anything that disturbs the D-Layer. And I'm afraid that I don't have a
better answer.
For the most part, Solar Flares are the only activity that we have
confirmed can be detected by the SID monitors, though there have been a
few suggestions. Nearby thunderstorms may be detected at night. In
addition, gamma ray bursts from other objects in the galaxy might show
up, but I have not seen confirmation.

That said, solar flares are very clear and also an indicator of other
activity. Any Coronal Mass Ejection that is launched from the Sun is
usually accompanied by a flare.
>> 6. Just above the GOES Solar X-ray Flux graphical display at http://www.swpc.noaa.gov,
?Solar Radiation Storms? that usually reports ?NONE? even when a solar event is reported.
At what level is an event called a solar radiation storm?
A solar radiation storm does not refer to X-Ray flux but to energetic
particle (high energy protons and electrons for the most part) that can
be generated by space weather events. The GOES space craft particle
detector (basically a fancy Gieger Counter) sees some of this. This is
shown in the 'Satellite Environment Plot' just below the GOES X-Ray
Image on the SWPC home page. (http://www.swpc.noaa.gov/)

Here is an example from the Storm at the beginning of August caused by
the solar flare that occurred on August 1st.
http://www.swpc.noaa.gov/ftpdir/plots/satenv/20100804_satenv.gif
Notice the increase in proton flux just before the geomagnetic storm
indicated by "Estimated Kp".
>> 7. The Stanford site identifies events that are ?C2.0? or greater. What is a ?C? event
as compared, say, to a ?B? event?
> There are quite some different type of "solar events" which won't necessarily show up as
a SID event. See for example<http://www.swpc.noaa.gov/ftpdir/indices/events/README>.
>
> It also gives definitions for the various (X-ray) B, C M and X classes. It is the same
classification as used by Stanford, see the Super Sid manual (page 79 or so,<http://solar-
center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/Doc/SuperSIDManual_v1.pdf>).
>
The references here do give a lot of nice detail, but let me just
quickly add that the classes (A,B,C, M, and X) represent energy on a log
scale. A 'C2.0 flare has 10 times the energy of a 'B2.0' flare. The
largest flare observed is an X20.0 (20 times higher then an X1.0). It

should be kept in mind that the energy levels for the X-Rays are much
much smaller then the total output of the Sun.

>> I apologize for my ignorance that causes so many questions. I am indebted to this group for my education.
> Without questions, there wouldn't be any answers :-).
>
I strongly second that! :D
> jaap
>
Nick

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

313. Re: [Super_SID] How to find lo cation of monitors

Yahoo group: Super_SID
Date: 2010-09-13 17:25:37 UTC
From: Marcus D. Leech
Topic: 307 Message: 313

>
>
> Jaap,
> Some really great answers here! Let me see if I can add a couple of to
> the list.
> See my inserts below.
>
> >> 5. What other kinds of events can cause a SID other than a burst
> from the sun?
> > The easy answer: anything that disturbs the D-Layer. And I'm afraid
> that I don't have a better answer.
> For the most part, Solar Flares are the only activity that we have
> confirmed can be detected by the SID monitors, though there have been a
> few suggestions. Nearby thunderstorms may be detected at night. In
> addition, gamma ray bursts from other objects in the galaxy might show
> up, but I have not seen confirmation.
>
I've seen clear, unambiguous impulse noise from thunderstorm activity
many hundreds of
kilometers away on my SID receiver. But I think that is direct VLF
noise, rather than
the thunderstorm activity mucking about with the ionosphere, and me
seeing it.
<mailto:Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe>.
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

314. RE: [Super_SID] How to find location of monitors

Yahoo group: Super_SID
Date: 2010-09-13 20:54:57 UTC
From: Michael Rudolph
Topic: 307 Message: 314
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Jaap,

So what□s wrong with East Tibet? J

Well, thank you for pointing that out. Other software I use requires that I express my longitude with a + to indicate West, so I simply assumed it is the same for this software. If others are making a similar mistake, that is serious, so I will send a copy of this correspondence to Debbie and also to the Lords; perhaps they can alert the appropriate monitor operators.

Actually, I did mean the colored arrows □ not the black arrows, but I think you picked up a serious problem that I will check out and correct.

Thank you very much.

All the best,

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Jaap Akkerhuis
Sent: Monday, September 13, 2010 6:59 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] How to find location of monitors

Hi Michael,

Thank you for responding. I understand your answers and thank you for them. I am answering a question you asked; I TYPED IN CAPITAL LETTERS for clarity:

The capital letters make it clear but wasn't really necessary. Anyway, back to the problem at hand:

> 1. It seems to me that the black and colored arrows on the Stanford website (representing sunrise and sunset of the monitors and the stations) are inaccurate. Has anyone else thought so?

Not really, what makes you think so? At one time I was confused because I mixed up the stations with the monitor sites, another time I didn't realize that the data browser uses UTC for times one has to correct to for the local time zone of the monitor or station.

MY MONITOR NAME IS GENESIS AND I AM OBSERVING AND REPORTING ON 4 RADIO STATIONS. WHEN I FILTER THE DISPLAYS ON THE STANFORD WEBSITE (BY CLICKING "ADD" AND MARKING THE CHECK BOXES ADJACENT

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The black arrows are the local sunset and sunrise times of the transmitter, not of the monitor. You have to look at the "colored" (blue) arrows to get the local time of the monitor.

There is something else going on as well. If I look at your data header (in the file Genesis_P003_NAA_2010-09-11T00.00.00.txt) I see:

```
# Site = Genesis
# Longitude = 77.08
# Latitude = 39.05
#
# UTC_Offset = -4
# TimeZone = Eastern Daylight Time (EDT)
#
```

This information seems in contradiction. The Latitude & Longitude places your monitor into East Tibet or, so while the time zone says you are on the US East Coast. It seems to me that the longitude should actually be -77.08.

I don't know what is used for calculating the local times, but I think it is the geographic information. Therefore you want to fix the longitude and I expect that things then will make more sense.

Regards,

jaap

PS. if you look in other data files, there are more where the Longitude is missing a minus. The files from Chile for instance. Also, have a look to the Super Sid manual (page 72, Appendix G) for the details how to specify this information.

315. RE: [Super_SID] How to find location of monitors

Yahoo group: Super_SID
Date: 2010-09-13 21:30:30 UTC
From: Michael Rudolph
Topic: 307 Message: 315
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Nick,

Thank you so much for your follow-up of Jaap☐s explanations.

I would appreciate anyone on this discussion group who is willing, sending me their monitor name, city & country, and email address in a private communication off of this YahooGroup. The reason is that I would like to connect the monitors in my mind with live persons, and also be able to correspond privately from time to time when I have something to say that may not be of interest to the entire group.

My monitor is ☐Genesis,☐ in Silver Spring, Maryland, my email address is mrudolph@..., and my cell phone number is 240-460-0799.

Best wishes,

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Nicholas Gross
Sent: Monday, September 13, 2010 11:49 AM
To: Super_SID@yahoogroups.com
Cc: Jaap Akkerhuis
Subject: Re: [Super_SID] How to find location of monitors

Jaap,
Some really great answers here! Let me see if I can add a couple of to the list.
See my inserts below.

>> 5. What other kinds of events can cause a SID other than a burst from the sun?
> The easy answer: anything that disturbs the D-Layer. And I'm afraid that I don't have a better answer.
For the most part, Solar Flares are the only activity that we have confirmed can be detected by the SID monitors, though there have been a few suggestions. Nearby thunderstorms may be detected at night. In addition, gamma ray bursts from other objects in the galaxy might show up, but I have not seen confirmation.

That said, solar flares are very clear and also an indicator of other activity. Any Coronal Mass Ejection that is launched from the Sun is usually accompanied by a flare.
>> 6. Just above the GOES Solar X-ray Flux graphical display at http://www.swpc.noaa.gov, ☐Solar Radiation Storms☐ that usually reports ☐NONE☐ even when a solar event is reported. At what level is an event called

a solar radiation storm?
A solar radiation storm does not refer to X-Ray flux but to energetic particle (high energy protons and electrons for the most part) that can be generated by space weather events. The GOES space craft particle detector (basically a fancy Gieger Counter) sees some of this. This is shown in the 'Satellite Environment Plot' just below the GOES X-Ray Image on the SWPC home page. (http://www.swpc.noaa.gov/)

Here is an example from the Storm at the beginning of August caused by the solar flare that occurred on August 1st.
http://www.swpc.noaa.gov/ftpdir/plots/satenv/20100804_satenv.gif
Notice the increase in proton flux just before the geomagnetic storm indicated by "Estimated Kp".
>> 7. The Stanford site identifies events that are □C2.0□ or greater. What is a □C□ event as compared, say, to a □B□ event?
> There are quite some different type of "solar events" which won't necessarily show up as a SID event. See for example**<**http://www.swpc.noaa.gov/ftpdir/indices/events/README**>**.
>
> It also gives definitions for the various (X-ray) B, C M and X classes. It is the same classification as used by Stanford, see the Super Sid manual (page 79 or so,**<**http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/Doc/SuperSIDManual_v1.pdf**>**).
>
The references here do give a lot of nice detail, but let me just quickly add that the classes (A,B,C, M, and X) represent energy on a log scale. A 'C2.0 flare has 10 times the energy of a 'B2.0' flare. The largest flare observed is an X20.0 (20 times higher then an X1.0). It should be kept in mind that the energy levels for the X-Rays are much much smaller then the total output of the Sun.

```
>> I apologize for my ignorance that causes so many questions. I am indebted
to this group for my education.
> Without questions, there wouldn't be any answers :-).
>
I strongly second that! :D
> jaap
>
Nick

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@... <mailto:gross%40bu.edu>
617-358-3245
```

316. What happen on 15.09.2010 about 09:25UTC

Yahoo group: Super_SID
Date: 2010-09-16 05:35:46 UTC
From: abrandi2000
Topic: 316 Message: 316

Hi all,

i daily look throu the collected VLF Data at stanford.edu website and found some interesting.

My interested i a small short spike on different Dataset and i dont know what this caused. It cant be a local phenomen, because it shows in datasets from different location.

Look here:
Germany:
http://sid.stanford.edu/database-browser/plot?starttime=2010-09-15T06.00.00&endtime=2010-09-15T12.00.00&res=1300x300&TZ=GMT&mss=true&sss=true&goes=false&monitor=ERAC001$ERAC_DARO$NAA

Netherland:
http://sid.stanford.edu/database-browser/plot?starttime=2010-09-15T06.00.00&endtime=2010-09-15T12.00.00&res=1300x300&TZ=GMT&mss=true&sss=true&goes=false&monitor=S-0031-FB-0031$Jaap$NAA

and also in vienna dataset.

SWPC shows a normal sun activity so what happend here??
Maybe a Gammy Ray Burst??

Anyone a idea??

317. Re: [Super_SID] What happen on 15.09.2010 about 09:25UTC

Yahoo group: Super_SID
Date: 2010-09-16 06:01:49 UTC
From: Sandip Kumar Chakrabarti
Topic: 316 Message: 317

There were two GRBs one at 1:31UT and the other at 5:49UT.

Must be a problem with the transmitter.

skc

Prof. Sandip K. Chakrabarti
Dean(Academic Programme), Senior Professor and
Head, Astrophysics and Cosmology
S.N. Bose National Centre for Basic Sciences
JD Block, Salt Lake, Kolkata 700098 INDIA
Tel: 0091-33-23355706
and
In Charge, Academic Affairs
Indian Centre for Space Physics
Chalantika 43, Garia Station Road,
Kolkata 700084 INDIA
M: +919903120700
Tel: 0091-33-24366003/24622153
--
Open WebMail Project (http://openwebmail.org)

---------- Original Message -----------
From: "abrandi2000" <karl-heinz.gansel@...>
To: Super_SID@yahoogroups.com
Sent: Thu, 16 Sep 2010 05:35:46 -0000
Subject: [Super_SID] What happen on 15.09.2010 about 09:25UTC

> Hi all,
>
> i daily look throu the collected VLF Data at stanford.edu website
> and found some interesting.
>
> My interested i a small short spike on different Dataset and i dont
> know what this caused. It cant be a local phenomen, because it shows
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> Look here:
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> http://sid.stanford.edu/database-browser/plot?starttime=2010-09-
>
15T06.00.00&endtime=2010-09-15T12.00.00&res=1300x300&TZ=GMT&mss=true&sss=true&goes=false&m
onitor=ERAC001$ERAC_DARO$NAA
>
> Netherland:
> http://sid.stanford.edu/database-browser/plot?starttime=2010-09-

> 15T06.00.00&endtime=2010-09-
>
15T12.00.00&res=1300x300&TZ=GMT&mss=true&sss=true&goes=false&monitor=S-0031-FB-0031$Jaap$N
AA
>
> and also in vienna dataset.
>
> SWPC shows a normal sun activity so what happend here??
> Maybe a Gammy Ray Burst??
>
> Anyone a idea??
------- End of Original Message -------

318. Re: What happen on 15.09.2010 about 09:25UTC

Yahoo group: Super_SID
Date: 2010-09-16 06:14:17 UTC
From: abrandi2000
Topic: 316 Message: 318

Hello,

yes that was also my first idea, but the spikes shows also on:
Transmitter GQD
http://sid.stanford.edu/database-browser/plot?starttime=2010-09-15T06.00.00&endtime=2010-09-15T12.00.00&res=1300x300&TZ=GMT&mss=true&sss=true&goes=false&monitor=ERAC001$ERAC_DARO$GQD

I was also checking if there was a Thunderstorm, but nothing.

regards,
Karl

--- In Super_SID@yahoogroups.com, "Sandip Kumar Chakrabarti" <chakraba@...> wrote:
>
> There were two GRBs one at 1:31UT and the other at 5:49UT.
>
> Must be a problem with the transmitter.
>
> skc
>
>
> Prof. Sandip K. Chakrabarti
> Dean(Academic Programme), Senior Professor and
> Head, Astrophysics and Cosmology
> S.N. Bose National Centre for Basic Sciences
> JD Block, Salt Lake, Kolkata 700098 INDIA
> Tel: 0091-33-23355706
> and
> In Charge, Academic Affairs
> Indian Centre for Space Physics
> Chalantika 43, Garia Station Road,
> Kolkata 700084 INDIA
> M: +919903120700
> Tel: 0091-33-24366003/24622153
> --
> Open WebMail Project (http://openwebmail.org)
>
>
> ---------- Original Message -----------
> From: "abrandi2000" <karl-heinz.gansel@...>
> To: Super_SID@yahoogroups.com
> Sent: Thu, 16 Sep 2010 05:35:46 -0000
> Subject: [Super_SID] What happen on 15.09.2010 about 09:25UTC
>
> > Hi all,

> >
> > i daily look throu the collected VLF Data at stanford.edu website
> > and found some interesting.
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> > My interested i a small short spike on different Dataset and i dont
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> > Look here:
> > Germany:
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> >
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> >
> 15T12.00.00&res=1300x300&TZ=GMT&mss=true&sss=true&goes=false&monitor=S-0031-FB-0031$Jaap
$NAA
> >
> > and also in vienna dataset.
> >
> > SWPC shows a normal sun activity so what happend here??
> > Maybe a Gammy Ray Burst??
> >
> > Anyone a idea??
> ------- End of Original Message -------
>

319. Keep your monitors on :)

Yahoo group: Super_SID
Date: 2010-09-18 14:12:40 UTC
From: Nicholas Gross
Topic: 319 Message: 319
Attachments: 1 described; binary payloads are missing from this source WARC

There are a couple of large active regions on the sun, one facing us,
and one just starting to rotate into view.
http://sdo.gsfc.nasa.gov/assets/img/latest/latest_1024_0193.mpg
We luck we may get some solar activity to look at in the next week.

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

320. Re: [Super_SID] Keep your monitors on :)

Yahoo group: Super_SID
Date: 2010-09-18 16:29:11 UTC
From: DIVYADARSHAN PUROHIT
Topic: 319 Message: 320

Dear Nicholas Gross,
Thanks for useful info with link.
regards,
ddpurohit

On Sat, Sep 18, 2010 at 7:42 PM, Nicholas Gross <gross@...> wrote:

>
>
> There are a couple of large active regions on the sun, one facing us,
> and one just starting to rotate into view.
> http://sdo.gsfc.nasa.gov/assets/img/latest/latest_1024_0193.mpg
> We luck we may get some solar activity to look at in the next week.
>
> --
> Nicholas Gross, Ph.D.
> co-Director for Education
> Center for Integrated Space Weather Modeling
> Astronomy Department, Boston University
> gross@... <gross%40bu.edu>
> 617-358-3245
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

321. RE: [Super_SID] Keep your monitors on :)

Yahoo group: Super_SID
Date: 2010-09-18 21:10:33 UTC
From: Michael Rudolph
Topic: 319 Message: 321
Attachments: 2 described; binary payloads are missing from this source WARC

Nicholas,

Thank you for the image. What is the web address of where you go to get images such as this one?

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of DIVYADARSHAN PUROHIT
Sent: Saturday, September 18, 2010 12:29 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Keep your monitors on :)

Dear Nicholas Gross,

Thanks for useful info with link.

regards,

ddpurohit

On Sat, Sep 18, 2010 at 7:42 PM, Nicholas Gross <gross@...> wrote:

There are a couple of large active regions on the sun, one facing us, and one just starting to rotate into view.
http://sdo.gsfc.nasa.gov/assets/img/latest/latest_1024_0193.mpg
We luck we may get some solar activity to look at in the next week.

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Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@... <mailto:gross%40bu.edu>
617-358-3245

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

322. Re: [Super_SID] Keep your monitors on :)

Yahoo group: Super_SID
Date: 2010-09-19 13:02:49 UTC
From: Nicholas Gross
Topic: 319 Message: 322
Attachments: 1 described; binary payloads are missing from this source WARC

Michael,
The Solar Dynamics Observatory website is http://sdo.gsfc.nasa.gov/
This space craft is at Lagrange point 1 (L1) for the Earth-Sun system.
L1 is always on the Earth Sun line, but very close to the Earth (1% of
the distance to the Sun). This allows the space craft to get the same
few we would have on Earth, but 24 hours a day and with out the
interference of the Earth's atmosphere.

An older Space craft is the Solar and Heliospheric Observatory (SOHO;
http://sohowww.nascom.nasa.gov/). It is also near L1 and it has the
coronagraph images that block out the sun itself and just look at the
corona.

Nick

On 9/18/10 5:10 PM, Michael Rudolph wrote:
>
>
> *Nicholas,*
>
> * *
>
> *Thank you for the image. What is the web address of where you go to
> get images such as this one?*
>
> * *
>
> *Michael*
>
> * *
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *On Behalf Of *DIVYADARSHAN PUROHIT
> *Sent:* Saturday, September 18, 2010 12:29 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Keep your monitors on :)
>
> Dear Nicholas Gross,
>
> Thanks for useful info with link.
>
> regards,
>
> ddpurohit
>

> On Sat, Sep 18, 2010 at 7:42 PM, Nicholas Gross <gross@...
> <mailto:gross@...>> wrote:
>
> There are a couple of large active regions on the sun, one facing us,
> and one just starting to rotate into view.
> http://sdo.gsfc.nasa.gov/assets/img/latest/latest_1024_0193.mpg
> We luck we may get some solar activity to look at in the next week.
>
> --
> Nicholas Gross, Ph.D.
> co-Director for Education
> Center for Integrated Space Weather Modeling
> Astronomy Department, Boston University
> gross@... <mailto:gross%40bu.edu>
> 617-358-3245
>
>
>
>
> --
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
>
>
>
>

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

323. RE: [Super_SID] Keep your monitors on :)

Yahoo group: Super_SID
Date: 2010-09-19 22:15:33 UTC
From: Michael Rudolph
Topic: 319 Message: 323
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Nicholas,

I found the 48 hour AIA MPEGs from the link you provided. Thank you.

1. Is the recording of each camera continuous - that is, from the present to 48-hours earlier - or does NASA update the mpegs only at specific times? According to the extensive write-up, the cameras record every 10 seconds, but what I am asking is what I am seeing on the mpeg. When the mpeg is opened, there appears to be one abrupt shift of the sun, as though two photos were taken several seconds apart, and then there is no further movement.

2. Which wavelength do you find most useful in alerting to possible SIDs?

3. If you leave an mpeg image displayed on the computer monitor, will it update? If not, I assume you log into the website and look at the images with some scheduled regularity?

I am trying to get a feel for just how I, like you, can use the images on a continuous bases for best advantage.

Regards,

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Nicholas Gross
Sent: Sunday, September 19, 2010 9:03 AM
To: Super_SID@yahoogroups.com
Cc: Michael Rudolph
Subject: Re: [Super_SID] Keep your monitors on :)

Michael,
The Solar Dynamics Observatory website is http://sdo.gsfc.nasa.gov/
This space craft is at Lagrange point 1 (L1) for the Earth-Sun system. L1 is always on the Earth Sun line, but very close to the Earth (1% of the distance to the Sun). This allows the space craft to get the same few we would have on Earth, but 24 hours a day and with out the interference of the Earth's atmosphere.

An older Space craft is the Solar and Heliospheric Observatory (SOHO; http://sohowww.nascom.nasa.gov/). It is also near L1 and it has the coronagraph images that block out the sun itself and just look at the corona.

Nick

On 9/18/10 5:10 PM, Michael Rudolph wrote:

Nicholas,

Thank you for the image. What is the web address of where you go to get images such as this one?

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of DIVYADARSHAN PUROHIT
Sent: Saturday, September 18, 2010 12:29 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Keep your monitors on :)

Dear Nicholas Gross,

Thanks for useful info with link.

regards,

ddpurohit

On Sat, Sep 18, 2010 at 7:42 PM, Nicholas Gross <gross@...> wrote:

There are a couple of large active regions on the sun, one facing us, and one just starting to rotate into view.
http://sdo.gsfc.nasa.gov/assets/img/latest/latest_1024_0193.mpg
We luck we may get some solar activity to look at in the next week.

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Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@... <mailto:gross%40bu.edu>
617-358-3245

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

324. I got 'Index Error' : Index out of bounds

Yahoo group: Super_SID
Date: 2010-09-20 12:06:18 UTC
From: Riza PEKTAS
Topic: 324 Message: 324
Attachments: 1 described; binary payloads are missing from this source WARC

Dear SuperSID users,

I have completed loop antenna design, plugged it to PC and then I edited my configuration file. Unfortunatelly when I run supersid.exe I got some errors in a pop-up window :

Traceback (most recent call last):
> File "supersid.py", line 444, in on_timer
> File "supersid.py", line 937, in on_timer
> File "supersid.py", line 150, in update
> IndexError: index out of bounds
>

These 5 lined error always continues and continues.. You can find a screenshot picture as an attachment.. (Pektas-SuperSID.jpg)

What is caused for this? Does anyone can help me?

I am using Windows Vista Starter Edition with 1 GB RAM and an onboard soundcard at 48000 kHz, 16 channel.
After my test phase completed, I will run SuperSID monitor in different PC (WinXP with Audigy soundcard).

Thanks for all and happy SID hunting!

Regards,

--
Riza PEKTAS

Bogazici University
Kandilli Observatory and Earthquake Research Institute, Astronomy Laboratory
Istanbul / TURKEY

325. Re: [Super_SID] I got 'Index Error' : Index out of bounds [1 Attachment]

Yahoo group: Super_SID
Date: 2010-09-20 15:13:31 UTC
From: WILLIAM & MELINDA LORD
Topic: 324 Message: 325

Hi Riza,

Can you send your config file. Also, have you set the sound card for line-in or microphone?
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Riza PEKTAS <riza.pektas@...>
To: Super_SID@yahoogroups.com
Sent: Mon, September 20, 2010 7:06:18 AM
Subject: [Super_SID] I got 'Index Error' : Index out of bounds [1 Attachment]

[Attachment(s) from Riza PEKTAS included below]

Dear SuperSID users,

I have completed loop antenna design, plugged it to PC and then I edited my configuration file. Unfortunatelly when I run supersid.exe I got some errors in a pop-up window :

Traceback (most recent call last):
> File "supersid.py", line 444, in on_timer
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These 5 lined error always continues and continues.. You can find a screenshot picture as an attachment.. (Pektas-SuperSID.jpg)

What is caused for this? Does anyone can help me?

I am using Windows Vista Starter Edition with 1 GB RAM and an onboard soundcard at 48000 kHz, 16 channel.
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Thanks for all and happy SID hunting!

Regards,

--
Riza PEKTAS

Bogazici University
Kandilli Observatory and Earthquake Research Institute, Astronomy Laboratory
Istanbul / TURKEY

326. New SuperSID site under test

Yahoo group: Super_SID
Date: 2010-09-22 21:31:46 UTC
From: damiangotch
Topic: 326 Message: 326

Hi, My name is Damian and together with my 15 yr old 2nd cousin David we have set up a SuperSID monitor site and built an antenna and our own version of the Pre-amplifier as a learning project. The site is located in Baildon Yorkshire UK ; Lat 53.788 Long-1.75, site ID is UK-Baildon we are using the monitor ID of 999 as it is our own build.
We have obtained a couple of days of data which looks good and have manually uploaded it until we have the network fully operational. We hope to have the site running continuously monitoring the European VLF transmitters. Best regards, Damian & David.

327. Re: [Super_SID] New SuperSID site under test

Yahoo group: Super_SID
Date: 2010-09-23 10:43:39 UTC
From: DIVYADARSHAN PUROHIT
Topic: 326 Message: 327

Dear Damian & David.
Very good starting,keep it up,I am sure you will get more & more from SSID.Try to carry this field to the younger generation of your region.Pl.have our best wishes.
regards,
DDPurohit

On Thu, Sep 23, 2010 at 3:01 AM, damiangotch <damiangotch@...>wrote:

>
>
> Hi, My name is Damian and together with my 15 yr old 2nd cousin David we
> have set up a SuperSID monitor site and built an antenna and our own version
> of the Pre-amplifier as a learning project. The site is located in Baildon
> Yorkshire UK ; Lat 53.788 Long-1.75, site ID is UK-Baildon we are using the
> monitor ID of 999 as it is our own build.
> We have obtained a couple of days of data which looks good and have
> manually uploaded it until we have the network fully operational. We hope to
> have the site running continuously monitoring the European VLF transmitters.
> Best regards, Damian & David.
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

328. RE: [Super_SID] New SuperSID site under test

Yahoo group: Super_SID
Date: 2010-09-23 20:36:34 UTC
From: Michael Rudolph
Topic: 326 Message: 328
Attachments: 2 described; binary payloads are missing from this source WARC

Welcome.

My name is Michael, site ID Genesis. Located in Maryland, USA. I look forward to collaborating. I congratulate David for getting a head start in such a technical field

Cheers,

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of damiangotch
Sent: Wednesday, September 22, 2010 5:32 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] New SuperSID site under test

Hi, My name is Damian and together with my 15 yr old 2nd cousin David we have set up a SuperSID monitor site and built an antenna and our own version of the Pre-amplifier as a learning project. The site is located in Baildon Yorkshire UK ; Lat 53.788 Long-1.75, site ID is UK-Baildon we are using the monitor ID of 999 as it is our own build.
We have obtained a couple of days of data which looks good and have manually uploaded it until we have the network fully operational. We hope to have the site running continuously monitoring the European VLF transmitters. Best regards, Damian & David.

329. Re: New SuperSID site under test

Yahoo group: Super_SID
Date: 2010-09-24 07:19:46 UTC
From: damiangotch
Topic: 326 Message: 329

Hi Michael & DD, thanks for your welcome, I have just realized that on the data I uploaded I have transposed the Lat/Long so appear to be somewhere a lot warmer than UK! We will fix the config today. My field is Electronic Engineering and have a Ham radio license and an an amatuer astronomer so have always had an interest in this topic. David is very keen on science and art so I am giving him some practical experience. I have posted some photos of our hardware in a UK-Baildon album, we designed etched and built the pre-amplifier and the antenna together which was fun.
Best regards, Damian & David

--- In Super_SID@yahoogroups.com, "Michael Rudolph" <mrudolph@...> wrote:
>
> Welcome.
>
>
>
> My name is Michael, site ID Genesis. Located in Maryland, USA. I look
> forward to collaborating. I congratulate David for getting a head start in
> such a technical field
>
>
>
> Cheers,
>
> Michael
>
>
>
> From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf
> Of damiangotch
> Sent: Wednesday, September 22, 2010 5:32 PM
> To: Super_SID@yahoogroups.com
> Subject: [Super_SID] New SuperSID site under test
>
>
>
>
>
>
> Hi, My name is Damian and together with my 15 yr old 2nd cousin David we
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> Yorkshire UK ; Lat 53.788 Long-1.75, site ID is UK-Baildon we are using the
> monitor ID of 999 as it is our own build.
> We have obtained a couple of days of data which looks good and have manually
> uploaded it until we have the network fully operational. We hope to have the
> site running continuously monitoring the European VLF transmitters. Best

> regards, Damian & David.
>

330. Stanford Plot range

Yahoo group: Super_SID
Date: 2010-09-25 07:53:32 UTC
From: damiangotch
Topic: 330 Message: 330

Dear users, The UK-Baildon data we have been getting is looking really good but I have a couple of questions/thoughts, firstly as we are monitoring in the north of UK the GBZ & GDQ transmitters are very strong, what is the minimum distance from a transmitter before the ionospheric bounce is dominant over the ground path?
I can see from the data that the Day/Night levels are very similar so we will stop monitoring these sites as I believe the data will not be useful.

Second thought is that when the data is plotted by Stanford they appear to limit the plot range to the min and max of the 24hr data, this can compress the daytime data into a really small Y region at the bottom. Generally this is due to a few high level nightime spikes. I was considering trying to edit the data to clip the nightime levels to say 4 times the mid day values but this could be tricky, however I have noticed that the Stanford routines ignore times when the signal falls to very low levels so I was wondering if I switched the pre-amplifier off 30mins either side of sunrise/sunset this may generate better plot data and show any flares more clearly.
Any comment welcome. Best regards Damian

331. Re: Stanford Plot range

Yahoo group: Super_SID
Date: 2010-09-25 08:32:55 UTC
From: abrandi2000
Topic: 330 Message: 331

Hello Damian,

thats not a good idea. Your first task is to find usefull transmitter
to get good night / day shapes. That would be transmitter in range about 800 - 1500km or also NAA 24.0khz(5000Km) from USA.

A good list you find here (with location)
http://sidstation.lionelloudet.homedns.org/stations-list-en.xhtml

It is usefull to observe plenty of different station, because the day / night shape depend on
1) distance of station
2) direction of station
3) change of season

good luck and have always fun with radioastronomy,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "damiangotch" <damiangotch@...> wrote:
>
> Dear users, The UK-Baildon data we have been getting is looking really good but I have a couple of questions/thoughts, firstly as we are monitoring in the north of UK the GBZ & GDQ transmitters are very strong, what is the minimum distance from a transmitter before the ionospheric bounce is dominant over the ground path?
> I can see from the data that the Day/Night levels are very similar so we will stop monitoring these sites as I believe the data will not be useful.
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> Second thought is that when the data is plotted by Stanford they appear to limit the plot range to the min and max of the 24hr data, this can compress the daytime data into a really small Y region at the bottom. Generally this is due to a few high level nightime spikes.
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> Any comment welcome. Best regards Damian
>

332. Re: Stanford Plot range

Yahoo group: Super_SID
Date: 2010-09-25 08:59:25 UTC
From: damiangotch
Topic: 330 Message: 332

Hello Carl-Heinz,
Thanks for you response, I have the site links and I am monitoring a number of sites in the ranges you suggested which do show good day/night shapes, clearly the UK transmitters are too close, I will replace them with NAA and FTA and see how this looks. My thought was to try to show up the daytime data better on the website and be able to see appropriate fluctuations, but I can analyse the plots myself to see the detail.
Best regards, Damian

--- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@...> wrote:
>
> Hello Damian,
>
> thats not a good idea. Your first task is to find usefull transmitter
> to get good night / day shapes. That would be transmitter in range about 800 - 1500km or also NAA 24.0khz(5000Km) from USA.
>
> A good list you find here (with location)
> http://sidstation.lionelloudet.homedns.org/stations-list-en.xhtml
>
> It is usefull to observe plenty of different station, because the day / night shape depend on
> 1) distance of station
> 2) direction of station
> 3) change of season
>
> good luck and have always fun with radioastronomy,
> Karl-Heinz
>
>
> --- In Super_SID@yahoogroups.com, "damiangotch" <damiangotch@> wrote:
> >
> > Dear users, The UK-Baildon data we have been getting is looking really good but I have a couple of questions/thoughts, firstly as we are monitoring in the north of UK the GBZ & GDQ transmitters are very strong, what is the minimum distance from a transmitter before the ionospheric bounce is dominant over the ground path?
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> > Second thought is that when the data is plotted by Stanford they appear to limit the plot range to the min and max of the 24hr data, this can compress the daytime data into a really small Y region at the bottom. Generally this is due to a few high level nightime spikes.
> > I was considering trying to edit the data to clip the nightime levels to say 4 times the mid day values but this could be tricky, however I have noticed that the Stanford routines ignore times when the signal falls to very low levels so I was wondering if I

switched the pre-amplifier off 30mins either side of sunrise/sunset this may generate better plot data and show any flares more clearly.
> > Any comment welcome. Best regards Damian
> >
>

333. RE: [Super_SID] Re: Stanford Plot range

Yahoo group: Super_SID
Date: 2010-09-25 09:03:37 UTC
From: Michael Rudolph
Topic: 330 Message: 333
Attachments: 2 described; binary payloads are missing from this source WARC

Dear Karl and Damian,

Karl, I think your advice to Damian is sound for the time being since Damian is still finding his way to producing data that is usable to Stanford. However, Damian is on to something that may contribute to Stanford as it seeks to improve its program.

Damian, I encourage you to be in touch with Debbie Scherrer at dscherrer@... at Stanford U. and discuss with her what you are suggesting. She sometimes is delayed in getting back to you but she will. Meanwhile, I would do your experiment but not send Stanford any of your experimental data through normal channels because Stanford is only capable of comparing your data with others if it is obtained in the usual way.

If you do convey your idea (and I hope you do), please suggest to Debbie that the program allow raw data to be saved and retrieved simultaneously with any processed data.

I do note your question about ground path vs. bounced path but leave that to someone else to answer.

I have sent Debbie a copy of this correspondence.

Be well,

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of abrandi2000
Sent: Saturday, September 25, 2010 4:33 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Stanford Plot range

Hello Damian,

thats not a good idea. Your first task is to find usefull transmitter to get good night / day shapes. That would be transmitter in range about 800 - 1500km or also NAA 24.0khz(5000Km) from USA.

A good list you find here (with location)
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1) distance of station
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Karl-Heinz

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"damiangotch" <damiangotch@...> wrote:
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> Dear users, The UK-Baildon data we have been getting is looking really
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noticed that the Stanford routines ignore times when the signal falls to
very low levels so I was wondering if I switched the pre-amplifier off
30mins either side of sunrise/sunset this may generate better plot data and
show any flares more clearly.
> Any comment welcome. Best regards Damian
>

334. Re: Stanford Plot range

Yahoo group: Super_SID
Date: 2010-09-25 09:44:21 UTC
From: abrandi2000
Topic: 330 Message: 334

Hello Michael and Damian,

well, than i have complete misunderstood this posting and please excuse my error. Depend on your additional information Michael, i can agree, that there are sometimes dynamice range problems or somethinkg like datacompression in the online chart. Thats why i have wrote aditional my own chart program with php to plot the data from xls files.

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Michael Rudolph" <mrudolph@...> wrote:
>
> Dear Karl and Damian,
>
>
>
> Karl, I think your advice to Damian is sound for the time being since Damian
> is still finding his way to producing data that is usable to Stanford.
> However, Damian is on to something that may contribute to Stanford as it
> seeks to improve its program.
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> Damian, I encourage you to be in touch with Debbie Scherrer at
> dscherrer@... at Stanford U. and discuss with her what you are
> suggesting. She sometimes is delayed in getting back to you but she will.
> Meanwhile, I would do your experiment but not send Stanford any of your
> experimental data through normal channels because Stanford is only capable
> of comparing your data with others if it is obtained in the usual way.
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> If you do convey your idea (and I hope you do), please suggest to Debbie
> that the program allow raw data to be saved and retrieved simultaneously
> with any processed data.
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> I do note your question about ground path vs. bounced path but leave that to
> someone else to answer.
>
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> I have sent Debbie a copy of this correspondence.
>
>

>
> Be well,
>
> Michael
>
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>
> From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf
> Of abrandi2000
> Sent: Saturday, September 25, 2010 4:33 AM
> To: Super_SID@yahoogroups.com
> Subject: [Super_SID] Re: Stanford Plot range
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> Hello Damian,
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> good luck and have always fun with radioastronomy,
> Karl-Heinz
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> --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com> ,
> "damiangotch" <damiangotch@> wrote:
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> > Dear users, The UK-Baildon data we have been getting is looking really
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> minimum distance from a transmitter before the ionospheric bounce is
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> very low levels so I was wondering if I switched the pre-amplifier off
> 30mins either side of sunrise/sunset this may generate better plot data and
> show any flares more clearly.
> > Any comment welcome. Best regards Damian
> >
>

335. RE: [Super_SID] Re: Stanford Plot range

Yahoo group: Super_SID
Date: 2010-09-25 11:38:28 UTC
From: Michael Rudolph
Topic: 330 Message: 335
Attachments: 2 described; binary payloads are missing from this source WARC

Dear Karl-Heinz,

I do not believe you made an error in your advice. Damian is still struggling with establishing his monitor to function as other monitors do, so it is a bit premature for him to experiment. I merely applaud him for thinking outside the box and offering a creative adjustment to the program or the procedure. If, for example, his proposal to turn off the pre-amp during the night with a timer produces clearer day-time curves and peaks using the existing program, Debbie might want to instruct all of the monitors to install timer shut-offs for uniformity. Clearly, the program operates on the raw data to produce a chart to most clearly indicate the time that SIDs occur (the amplitude of the peaks are less important because they are un-calibrated and subject to local variables). If Damian's proposal makes the chart a better indicator, that would be an advance. Of course, the same thing can be done more elegantly by reprogramming the software, but Stanford may not have the current resources to accomplish it, so if the idea proves useful, timers may be a viable and economical stop-gap solution.

I feel privileged, as an amateur, to be able to collaborate with and learn from everyone who participates in this project.

Best regards,

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of abrandi2000
Sent: Saturday, September 25, 2010 5:44 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Stanford Plot range

Hello Michael and Damian,

well, than i have complete misunderstood this posting and please excuse my error. Depend on your additional information Michael, i can agree, that there are sometimes dynamice range problems or somethinkg like datacompression in the online chart. Thats why i have wrote aditional my own chart program with php to plot the data from xls files.

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com> , "Michael Rudolph" <mrudolph@...> wrote:
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> Dear Karl and Damian,
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> Karl, I think your advice to Damian is sound for the time being since
Damian
> is still finding his way to producing data that is usable to Stanford.
> However, Damian is on to something that may contribute to Stanford as it
> seeks to improve its program.
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Behalf
> Of abrandi2000
> Sent: Saturday, September 25, 2010 4:33 AM
> To: Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> Subject: [Super_SID] Re: Stanford Plot range

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336. Re: Stanford Plot range

Yahoo group: Super_SID
Date: 2010-09-25 18:09:43 UTC
From: damiangotch
Topic: 330 Message: 336

Hi guys,
Wow I have started an interesting debate. After more thought I agree that it is useful to see the night time data to get a good understanding of the likely relevance of the data and it is probably critical to Stanford for analysis but not if it masks the critical daytime information on the website. One possibility may be if Stanford could keep the current plot extents scaling but use a log axis, making the data display in dB, this will maintain all the information but minimise the adverse impact of spikes in the night time data. I have tried this on my data where there is a relatively high night-time level or a few high interference spikes and it does look much better. I will upload an example as I do not know if the inline plots will transfer and I cannot see an attach button on the posting page.
Plot 1 DHO Linear pretty similar to the web site scaling Plot 2 With Log scale - the day data is much clearer and should be more consistent for site to site comparisons.
Also I have been collecting data on a blank frequency to monitor the noise floor, this has proved useful to indicate interference however now I am moving to auto upload I have to delete the measurement as I am not sure what Stanford would make of it! Does anyone think that the inclusion of noise level data to give an indication of signal noise ratio would be useful? I am sure it would be easy to agree a frequency we could all use.
Thanks for all your feedback this is a great community and I am pleased to be able to be part of it.
Best regards, Damian

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337. Speaking of noise and RFI and the like

Yahoo group: Super_SID
Date: 2010-09-25 18:20:52 UTC
From: Marcus D. Leech
Topic: 337 Message: 337

Over the summer, my night-time RFI levels have gotten totally stupid.

I tracked this down to something very insidious, so I thought I'd give
the group a "heads up".

My town has engaged in a program of street-lamp replacement this past
summer, replacing sodium lamps with new
high-efficiency RF-induction fluorescent technology. This technology
is *very* appealing for municipalities for their
street lamps, both because of energy savings, and savings in bulb
lifetime over other technologies.

They all use a similar technique to strike a plasma in the tube--the
tube basically forms the secondary of an RF transformer, with
the primary effectively wrapped around one end of the tube. They use
a many-10s-of-watts RF transmitter which excites the primary
coil, and causes induced currents to flow inside the tube, turning the
mercury vapour into a plasma, just like an ordinary fluorescent tube,
but without hot cathodes.

There are two main RF frequencies used--2.65MHz and 210KHz. My town
installed the 210KHz type. That 210KHz is getting into my
gain stage and driving it into non-linear operating modes, which
really screws up night-time data on the weaker signals.

My "fix" is going to be to put in a 48KHz low-pass filter sometime soon
in front of the main gain stage. If that doesn't fix it, then I know
that the RF generators they're using aren't that "clean". Although
they all claim compliance to various "stringent" IEC RFI standards,
those standards are intended to operate in the "consumer electronics"
universe, and not the "sensitive scientific instrument" universe.
So while most consumer electronics will never even notice the increase
in local noise-floor created by the street lamps, SID receivers,
and other radio-astronomy type instruments will definitely notice--I
have a 38MHz receiver that also suffers from a 3dB increase in
noise floor at night, caused by the lamps.

Just be forewarned. If your city/town decides to put in RF-induction
street lamps, *watch out*!

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

338. Re: Stanford Plot range

Yahoo group: Super_SID
Date: 2010-09-25 18:24:35 UTC
From: damiangotch
Topic: 330 Message: 338

Hi again,
Well the plots did come across - fantastic, I have included another example,

The noise data clearly shows the large spike that was impacting the DHO data. But also it is clear that the NSC data has a decent SNR 25:1 (13dB - assuming 10log)
It would be great if the online data was easy for us to interpret and get more involved I will copy this to Debbie by email and see if any changes can be made.
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Best regards Damian.

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339. RE: [Super_SID] Re: Stanford Plot range

Yahoo group: Super_SID
Date: 2010-09-26 19:34:27 UTC
From: Michael Rudolph
Topic: 330 Message: 339
Attachments: 3 described; binary payloads are missing from this source WARC

Hi Damian,

I think I am advising you correctly when I say this. All magnitudes have to be looked at as relative. The only item of data that can be thought of as absolute is the time of the beginning, peak, and end of an event, and that is assuming that the monitor's computer is time-calibrated.

I would be interested in seeing two independent monitors receive simultaneously from the same location, but record in two ways - (1) the standard way and (2) the way you suggest by turning off the pre-amp at night. What I would like to know is whether the shape of a SID spike is different when recorded with the two techniques. If they are different, we are pretty sure that the only relevant data being produced by the SSID program is the time of the maximum received signal strength and perhaps the times of the beginning and end of an event. If the spike's shape remains congruent, then we may also be receiving usable data about the linearity or non-linearity of the spike's decay.

If no one is able to do the experiment I am suggesting, I might purchase a second pre-amp, wind another antenna loop and see for myself.

I invite anyone's comments about this.

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of damiangotch
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Subject: [Super_SID] Re: Stanford Plot range

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> monitoring
> > in the north of UK the GBZ & GDQ transmitters are very strong, what is
the
> > minimum distance from a transmitter before the ionospheric bounce is
> > dominant over the ground path?
> > > I can see from the data that the Day/Night levels are very similar so
we
> > will stop monitoring these sites as I believe the data will not be
useful.
> > >
> > > Second thought is that when the data is plotted by Stanford they
appear
> to
> > limit the plot range to the min and max of the 24hr data, this can
> compress
> > the daytime data into a really small Y region at the bottom. Generally
> this
> > is due to a few high level nightime spikes.
> > > I was considering trying to edit the data to clip the nightime levels
to
> > say 4 times the mid day values but this could be tricky, however I have
> > noticed that the Stanford routines ignore times when the signal falls to
> > very low levels so I was wondering if I switched the pre-amplifier off
> > 30mins either side of sunrise/sunset this may generate better plot data
> and
> > show any flares more clearly.
> > > Any comment welcome. Best regards Damian
> > >
> >
>

340. 28.09.2010 2x Class C X-Rays

Yahoo group: Super_SID
Date: 2010-09-29 05:16:16 UTC
From: abrandi2000
Topic: 340 Message: 340

Hi all,
we got 2 nice Class C X-Rays yesterday.
First around 09:30h and visible in Europe SuperSID Chart and the other one to late, but should be seen in oversea.

http://sid.stanford.edu/database-browser/plot?starttime=2010-09-28T00.00.00&endtime=2010-09-29T00.00.00&res=1600x375&TZ=GMT&mss=true&sss=true&goes=true&monitor=ERAC001$ERAC_DARO$FTA

You should check your Charts for SID'S

regards,
Karl-Heinz

341. Noise ? Data ?

Yahoo group: Super_SID
Date: 2010-09-29 05:30:04 UTC
From: dennis.recla
Topic: 341 Message: 341

I uploaded the output of my SuperSID, in GPRA folder there are two examples of what my data display looks like. I'm on the West coast area, and suspect that the large peak is NPM at 21.4, but I am not sure of the others. Monitoring NAA, NLK, NML, NPM, and NWC. It's like I get a peak every 1 khz and a large peak every 6 khz.

Noise? Signal, any suggestions? Have large loop with 500 ft of #22 wire, with recommended sound card in computer.

Dennis
Wa5KTC
GPRA Site

342. Re: I got 'Index Error' : Index out of bounds [1 Attachment]

Yahoo group: Super_SID
Date: 2010-09-29 13:45:24 UTC
From: Pektas
Topic: 324 Message: 342

Dear Bill & Melinda,

I'm sorry, that I'm replying late, because our baby born on Wednesday! :) So, I was at the hospital with my wife..

You can find my config file below. (And I connected SuperSID cable to the Audio In of the computer.)

```
============================================================

[PARAMETERS]

site_name = PEKTAS
longitude = 29
latitude = 41

utc_offset = +2:00
time_zone = Eastern European Time (EET)
monitor_id = 42

audio_sampling_rate = 48000

log_interval = 5
log_format = sid_format
log_type = filtered
scaling_factor = 1.0

automatic_upload = no
ftp_server = sid-ftp.stanford.edu
ftp_directory = /incoming/SuperSID/NEW/

number_of_stations = 6

[STATION_1]
call_sign = TBB
color = r
frequency = 26700

[STATION_2]
call_sign = NLK
color = b
frequency = 24800

[STATION_3]
call_sign = NML
color = g
frequency = 25200
```

```
[STATION_4]
call_sign = NPM
color = c
frequency = 21400

[STATION_5]
call_sign = NWC
color = y
frequency = 19800

[STATION_6]
call_sign = JJI
color = k
frequency = 22200

============================================================
```

Thank you very much for your interest.

Riza PEKTAS

Bogazici University
Kandilli Observatory and Earthquake Research Institute
Astronomy Laboratory

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Hi Riza,
>
> Can you send your config file.Â Also, have youÂ set the sound card for line-in or
> microphone?
> Â Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
>
> Light travels faster than sound. This is why some people appear bright until you
> hear them speak. :-)
>
>
>
>
>
> _____
> From: Riza PEKTAS <riza.pektas@...>
> To: Super_SID@yahoogroups.com
> Sent: Mon, September 20, 2010 7:06:18 AM
> Subject: [Super_SID] I got 'Index Error' : Index out of bounds [1 Attachment]
>
> Â
> [Attachment(s) from Riza PEKTAS included below]
>
> Dear SuperSID users,

>
> I have completed loop antenna design, plugged it to PC and then I edited my
> configuration file. Unfortunatelly when I run supersid.exe I got some errors in
> a pop-up window :
>
>
>
> Traceback (most recent call last):
> >Â File "supersid.py", line 444, in on_timer
> >Â File "supersid.py", line 937, in on_timer
> >Â File "supersid.py", line 150, in update
> >IndexError: index out of bounds
> >
>
> These 5 lined error always continues and continues.. You can find a screenshot
> picture as an attachment.. (Pektas-SuperSID.jpg)
>
> What is caused for this? Does anyone can help me?
>
> I am using Windows Vista Starter Edition with 1 GB RAM and an onboard soundcard
> at 48000 kHz, 16 channel.
> After my test phase completed, I will run SuperSID monitor in different PC
> (WinXP with Audigy soundcard).
>
> Thanks for all and happy SID hunting!
>
> Regards,
>
> --
> Riza PEKTAS
>
> Bogazici University
> Kandilli Observatory and Earthquake Research Institute, Astronomy Laboratory
> Istanbul / TURKEY
>

343. Re: [Super_SID] Re: I got 'Index Error' : Index out of bounds

Yahoo group: Super_SID
Date: 2010-10-01 03:08:51 UTC
From: WILLIAM & MELINDA LORD
Topic: 324 Message: 343

Hi Riza,

Congratulations on the new baby!

Have you looked under control panel, sound and audio devices and confirm your sound card is set to line-in?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 9/29/10, Pektas <riza.pektas@boun.edu.tr> wrote:

From: Pektas <riza.pektas@...>
Subject: [Super_SID] Re: I got 'Index Error' : Index out of bounds
To: Super_SID@yahoogroups.com
Date: Wednesday, September 29, 2010, 8:45 AM

Dear Bill & Melinda,

I'm sorry, that I'm replying late, because our baby born on Wednesday! :) So, I was at the hospital with my wife..

You can find my config file below. (And I connected SuperSID cable to the Audio In of the computer.)

```
============================================================

[PARAMETERS]

site_name = PEKTAS
longitude = 29
latitude = 41

utc_offset = +2:00
time_zone = Eastern European Time (EET)
monitor_id = 42

audio_sampling_rate = 48000

log_interval = 5
log_format = sid_format
log_type = filtered
scaling_factor = 1.0
```

```
automatic_upload = no
ftp_server = sid-ftp.stanford.edu
ftp_directory = /incoming/SuperSID/NEW/

number_of_stations = 6

[STATION_1]
call_sign = TBB
color = r
frequency = 26700

[STATION_2]
call_sign = NLK
color = b
frequency = 24800

[STATION_3]
call_sign = NML
color = g
frequency = 25200

[STATION_4]
call_sign = NPM
color = c
frequency = 21400

[STATION_5]
call_sign = NWC
color = y
frequency = 19800

[STATION_6]
call_sign = JJI
color = k
frequency = 22200

============================================================

Thank you very much for your interest.

Riza PEKTAS

Bogazici University
Kandilli Observatory and Earthquake Research Institute
Astronomy Laboratory

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Hi Riza,
>
> Can you send your config file.Â  Also, have youÂ set the sound card for line-in or
> microphone?
> Â Bill & Melinda Lord
> www.tnSkyNet.com
```

> www.radio-astronomy.org
>
>
> Light travels faster than sound. This is why some people appear bright until you
> hear them speak. :-)
>
>
>
>
>
> _____
> From: Riza PEKTAS <riza.pektas@...>
> To: Super_SID@yahoogroups.com
> Sent: Mon, September 20, 2010 7:06:18 AM
> Subject: [Super_SID] I got 'Index Error' : Index out of bounds [1 Attachment]
>
> Â
> [Attachment(s) from Riza PEKTAS included below]
>
> Dear SuperSID users,
>
> I have completed loop antenna design, plugged it to PC and then I edited my
> configuration file. Unfortunatelly when I run supersid.exe I got some errors in
> a pop-up window :
>
>
>
> Traceback (most recent call last):
> >Â File "supersid.py", line 444, in on_timer
> >Â File "supersid.py", line 937, in on_timer
> >Â File "supersid.py", line 150, in update
> >IndexError: index out of bounds
> >
>
> These 5 lined error always continues and continues.. You can find a screenshot
> picture as an attachment.. (Pektas-SuperSID.jpg)
>
> What is caused for this? Does anyone can help me?
>
> I am using Windows Vista Starter Edition with 1 GB RAM and an onboard soundcard
> at 48000 kHz, 16 channel.
> After my test phase completed, I will run SuperSID monitor in different PC
> (WinXP with Audigy soundcard).
>
> Thanks for all and happy SID hunting!
>
> Regards,
>
> --
> Riza PEKTAS

>
> Bogazici University
> Kandilli Observatory and Earthquake Research Institute, Astronomy Laboratory
> Istanbul / TURKEY
>

344. Re: [Super_SID] Noise ? Data ?

Yahoo group: Super_SID
Date: 2010-10-01 14:50:22 UTC
From: WILLIAM & MELINDA LORD
Topic: 341 Message: 344

Dennis,
Have you plotted any of these files? If you can see sunrise and sunset in the plot, you should be able to detect SID's when they occur.

To plot, open SuperSID, got to Plot on the top of the menu bar, select a file from the DATA folder.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 9/29/10, dennis.recla <drecla@...> wrote:

From: dennis.recla <drecla@charter.net>
Subject: [Super_SID] Noise ? Data ?
To: Super_SID@...m
Date: Wednesday, September 29, 2010, 12:30 AM

I uploaded the output of my SuperSID, in GPRA folder there are two examples of what my data display looks like. I'm on the West coast area, and suspect that the large peak is NPM at 21.4, but I am not sure of the others. Monitoring NAA, NLK, NML, NPM, and NWC. It's like I get a peak every 1 khz and a large peak every 6 khz.

Noise? Signal, any suggestions? Have large loop with 500 ft of #22 wire, with recommended sound card in computer.

Dennis
Wa5KTC
GPRA Site

345. Re: Noise ? Data ?

Yahoo group: Super_SID
Date: 2010-10-01 18:12:44 UTC
From: damiangotch
Topic: 341 Message: 345

Dennis,
The plots do not look correct, what does the spectrum look like without the antenna connected and without the preamplifier powered on? The signal level on my system without the antenna is about 30dB and without the preamplifier about 49dB lower still.

The signal level is incredibly high and the additional spikes look like I intermodulation distortion, is it possible that you have one of the other inputs also selected, internal mic etc. Try tuning down the Line In gain and see if this helps the levels.

Good luck,
Damian (UK-Baildon)

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Dennis,
> Have you plotted any of these files?Â If you can see sunrise and sunset in the plot, you should be able to detect SID's when they occur.Â
> Â
> To plot, open SuperSID, got to Plot on the top of the menu bar, select a file from the DATA folder.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Wed, 9/29/10, dennis.recla <drecla@...> wrote:
>
>
> From: dennis.recla <drecla@...>
> Subject: [Super_SID] Noise ? Data ?
> To: Super_SID@yahoogroups.com
> Date: Wednesday, September 29, 2010, 12:30 AM
>
>
> Â
>
>
>
> I uploaded the output of my SuperSID, in GPRA folder there are two examples of what my data display looks like. I'm on the West coast area, and suspect that the large peak is NPM at 21.4, but I am not sure of the others. Monitoring NAA, NLK, NML, NPM, and NWC. It's like I get a peak every 1 khz and a large peak every 6 khz.
>

> Noise? Signal, any suggestions? Have large loop with 500 ft of #22 wire, with recommended sound card in computer.
>
> Dennis
> Wa5KTC
> GPRA Site
>

346. Re: Noise ? Data ?

Yahoo group: Super_SID
Date: 2010-10-02 17:20:15 UTC
From: dennis.recla
Topic: 341 Message: 346

Thanks for the input so far....

I have made some changes, and I "think" I now have the input set to LINE instead of Microphone. See Photo in GPRA folder - Sample3.
Again these are images from the real time display on the screen that updates every 5 seconds.

Does this look more along the lines of what you would expect.
I have peaks at 12.7??
19.9 NWC ??
22.5 ??
25.3 ??
37.2 ??

Right now that center peak remains at about 45dB, and the side peaks, in particular at 12.7 was not visible two days ago.

Since I can't find the source code for the SID program, does anyone know how much variance from actual frequency is built into the program to allow for slight differences in frequency shift in the recording/display of the data ?

Am I getting any closer?

Thanks in advance.

Dennis
Wa5KTC
Grants Pass Radio Astronomy (GPRA)

--- In Super_SID@yahoogroups.com, "dennis.recla" <drecla@...> wrote:
>
> I uploaded the output of my SuperSID, in GPRA folder there are two examples of what my data display looks like. I'm on the West coast area, and suspect that the large peak is NPM at 21.4, but I am not sure of the others. Monitoring NAA, NLK, NML, NPM, and NWC. It's like I get a peak every 1 khz and a large peak every 6 khz.
>
> Noise? Signal, any suggestions? Have large loop with 500 ft of #22 wire, with recommended sound card in computer.
>
> Dennis
> Wa5KTC
> GPRA Site
>

347. Re: Stanford Plot range

Yahoo group: Super_SID
Date: 2010-09-26 21:39:11 UTC
From: damiangotch
Topic: 330 Message: 347

Hi Michael,

I was not suggesting that the actual daytime data would be anyway affected by switching off the pre-amp purely that it would 'fool' the plot software to scale the data more appropriately.

The accuracy of the time stamp is a good point, we have enabled Internet time sync in Windows, I would assume that all the monitors stations would have this enabled by default.

I have been reading through all the old postings, will take some time though, is there any good data on which stations either transmitters or monitors tend to produce the best data on flares. I guess there is no real benefit to monitoring lots of transmitters and filling up the database when a select few would actually yield data when a flare actually occurs.

We have repositioned the the antenna to it's final site and will now have to wait a few days to collect a set of data using the most appropriate TX's then it would be good to have some feedback on how the data is looking. So far the site appears to have very low noise levels and clean day time data so I am optimistic.

Best regards,
Damian

--- In Super_SID@yahoogroups.com, "Michael Rudolph" <mrudolph@...> wrote:
>
> Hi Damian,
>
>
>
> I think I am advising you correctly when I say this. All magnitudes have to
> be looked at as relative. The only item of data that can be thought of as
> absolute is the time of the beginning, peak, and end of an event, and that
> is assuming that the monitor's computer is time-calibrated.
>
>
>
> I would be interested in seeing two independent monitors receive
> simultaneously from the same location, but record in two ways - (1) the
> standard way and (2) the way you suggest by turning off the pre-amp at
> night. What I would like to know is whether the shape of a SID spike is
> different when recorded with the two techniques. If they are different, we
> are pretty sure that the only relevant data being produced by the SSID
> program is the time of the maximum received signal strength and perhaps the
> times of the beginning and end of an event. If the spike's shape remains
> congruent, then we may also be receiving usable data about the linearity or
> non-linearity of the spike's decay.
>

>
>
> If no one is able to do the experiment I am suggesting, I might purchase a
> second pre-amp, wind another antenna loop and see for myself.
>
>
>
> I invite anyone's comments about this.
>
>
>
> Michael
>
>
>
>
>
>
>
> From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf
> Of damiangotch
> Sent: Saturday, September 25, 2010 2:25 PM
> To: Super_SID@yahoogroups.com
> Subject: [Super_SID] Re: Stanford Plot range
>
>
>
>
>
> Hi again,
>
>
>
> Well the plots did come across - fantastic, I have included another example,
>
>
>
> Image removed by sender.
>
>
>
> Image removed by sender.
>
>
>
>
>
> Image removed by sender.
>
>

>
> The noise data clearly shows the large spike that was impacting the DHO
> data. But also it is clear that the NSC data has a decent SNR 25:1 (13dB -
> assuming 10log)
>
>
>
> It would be great if the online data was easy for us to interpret and get
> more involved I will copy this to Debbie by email and see if any changes can
> be made.
>
>
>
> This is turning out to be a fun project,
>
>
>
> Best regards Damian.
>
>
>
>
>
>
>
>
>
>
>
> --- In Super_SID@yahoogroups.com, "Michael Rudolph" <mrudolph@> wrote:
> >
> > Dear Karl-Heinz,
> >
> >
> >
> > I do not believe you made an error in your advice. Damian is still
> > struggling with establishing his monitor to function as other monitors do,
> > so it is a bit premature for him to experiment. I merely applaud him for
> > thinking outside the box and offering a creative adjustment to the program
> > or the procedure. If, for example, his proposal to turn off the pre-amp
> > during the night with a timer produces clearer day-time curves and peaks
> > using the existing program, Debbie might want to instruct all of the
> > monitors to install timer shut-offs for uniformity. Clearly, the program
> > operates on the raw data to produce a chart to most clearly indicate the
> > time that SIDs occur (the amplitude of the peaks are less important
> because
> > they are un-calibrated and subject to local variables). If Damian's
> > proposal makes the chart a better indicator, that would be an advance. Of
> > course, the same thing can be done more elegantly by reprogramming the
> > software, but Stanford may not have the current resources to accomplish
> it,

> > so if the idea proves useful, timers may be a viable and economical
> stop-gap
> > solution.
> >
> >
> >
> > I feel privileged, as an amateur, to be able to collaborate with and learn
> > from everyone who participates in this project.
> >
> >
> >
> > Best regards,
> >
> > Michael
> >
> >
> >
> > From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On
> Behalf
> > Of abrandi2000
> > Sent: Saturday, September 25, 2010 5:44 AM
> > To: Super_SID@yahoogroups.com
> > Subject: [Super_SID] Re: Stanford Plot range
> >
> >
> >
> >
> >
> >
> > Hello Michael and Damian,
> >
> > well, than i have complete misunderstood this posting and please excuse my
> > error. Depend on your additional information Michael, i can agree, that
> > there are sometimes dynamice range problems or somethinkg like
> > datacompression in the online chart. Thats why i have wrote aditional my
> own
> > chart program with php to plot the data from xls files.
> >
> > regards,
> > Karl-Heinz
> >
> >
> > --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com> ,
> > "Michael Rudolph" mrudolph@ wrote:
> > >
> > > Dear Karl and Damian,
> > >
> > >
> > >
> > > Karl, I think your advice to Damian is sound for the time being since
> > Damian

> > > is still finding his way to producing data that is usable to Stanford.
> > > However, Damian is on to something that may contribute to Stanford as it
> > > seeks to improve its program.
> > >
> > >
> > >
> > > Damian, I encourage you to be in touch with Debbie Scherrer at
> > > dscherrer@ at Stanford U. and discuss with her what you are
> > > suggesting. She sometimes is delayed in getting back to you but she
> will.
> > > Meanwhile, I would do your experiment but not send Stanford any of your
> > > experimental data through normal channels because Stanford is only
> capable
> > > of comparing your data with others if it is obtained in the usual way.
> > >
> > >
> > >
> > > If you do convey your idea (and I hope you do), please suggest to Debbie
> > > that the program allow raw data to be saved and retrieved simultaneously
> > > with any processed data.
> > >
> > >
> > >
> > > I do note your question about ground path vs. bounced path but leave
> that
> > to
> > > someone else to answer.
> > >
> > >
> > >
> > > I have sent Debbie a copy of this correspondence.
> > >
> > >
> > >
> > > Be well,
> > >
> > > Michael
> > >
> > >
> > >
> > > From: Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> > [mailto:Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>]
> On
> > Behalf
> > > Of abrandi2000
> > > Sent: Saturday, September 25, 2010 4:33 AM
> > > To: Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> > > Subject: [Super_SID] Re: Stanford Plot range
> > >
> > >

> > >
> > >
> > >
> > > Hello Damian,
> > >
> > > thats not a good idea. Your first task is to find usefull transmitter
> > > to get good night / day shapes. That would be transmitter in range about
> > 800
> > > - 1500km or also NAA 24.0khz(5000Km) from USA.
> > >
> > > A good list you find here (with location)
> > > http://sidstation.lionelloudet.homedns.org/stations-list-en.xhtml
> > >
> > > It is usefull to observe plenty of different station, because the day /
> > > night shape depend on
> > > 1) distance of station
> > > 2) direction of station
> > > 3) change of season
> > >
> > > good luck and have always fun with radioastronomy,
> > > Karl-Heinz
> > >
> > > --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> > <mailto:Super_SID%40yahoogroups.com> ,
> > > "damiangotch" <damiangotch@> wrote:
> > > >
> > > > Dear users, The UK-Baildon data we have been getting is looking really
> > > good but I have a couple of questions/thoughts, firstly as we are
> > monitoring
> > > in the north of UK the GBZ & GDQ transmitters are very strong, what is
> the
> > > minimum distance from a transmitter before the ionospheric bounce is
> > > dominant over the ground path?
> > > > I can see from the data that the Day/Night levels are very similar so
> we
> > > will stop monitoring these sites as I believe the data will not be
> useful.
> > > >
> > > > Second thought is that when the data is plotted by Stanford they
> appear
> > to
> > > limit the plot range to the min and max of the 24hr data, this can
> > compress
> > > the daytime data into a really small Y region at the bottom. Generally
> > this
> > > is due to a few high level nightime spikes.
> > > > I was considering trying to edit the data to clip the nightime levels
> to
> > > say 4 times the mid day values but this could be tricky, however I have
> > > noticed that the Stanford routines ignore times when the signal falls to

> > > very low levels so I was wondering if I switched the pre-amplifier off
> > > 30mins either side of sunrise/sunset this may generate better plot data
> > and
> > > show any flares more clearly.
> > > > Any comment welcome. Best regards Damian
> > > >
> > >
> >
>

348. Re: [Super_SID] Re: Stanford Plot range

Yahoo group: Super_SID
Date: 2010-10-04 15:15:31 UTC
From: WILLIAM & MELINDA LORD
Topic: 330 Message: 348

Hi Damian,

There is no preferred transmitter to use. You need to select the transmitters that gives you the strongest signal to noise floor ratio. This way when a flare occurs, you will be able to clearly see it in your plot.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sun, 9/26/10, damiangotch <damiangotch@...> wrote:

From: damiangotch <damiangotch@yahoo.co.uk>
Subject: [Super_SID] Re: Stanford Plot range
To: Super_SID@yahoogroups.com
Date: Sunday, September 26, 2010, 4:39 PM

Hi Michael,

I was not suggesting that the actual daytime data would be anyway affected by switching off the pre-amp purely that it would 'fool' the plot software to scale the data more appropriately.

The accuracy of the time stamp is a good point, we have enabled Internet time sync in Windows, I would assume that all the monitors stations would have this enabled by default.

I have been reading through all the old postings, will take some time though, is there any good data on which stations either transmitters or monitors tend to produce the best data on flares. I guess there is no real benefit to monitoring lots of transmitters and filling up the database when a select few would actually yield data when a flare actually occurs.

We have repositioned the the antenna to it's final site and will now have to wait a few days to collect a set of data using the most appropriate TX's then it would be good to have some feedback on how the data is looking. So far the site appears to have very low noise levels and clean day time data so I am optimistic.

Best regards,
Damian

--- In Super_SID@yahoogroups.com, "Michael Rudolph" <mrudolph@...> wrote:
>
> Hi Damian,
>
>
>
>

> I think I am advising you correctly when I say this. All magnitudes have to
> be looked at as relative. The only item of data that can be thought of as
> absolute is the time of the beginning, peak, and end of an event, and that
> is assuming that the monitor's computer is time-calibrated.
>
>
>
> I would be interested in seeing two independent monitors receive
> simultaneously from the same location, but record in two ways - (1) the
> standard way and (2) the way you suggest by turning off the pre-amp at
> night. What I would like to know is whether the shape of a SID spike is
> different when recorded with the two techniques. If they are different, we
> are pretty sure that the only relevant data being produced by the SSID
> program is the time of the maximum received signal strength and perhaps the
> times of the beginning and end of an event. If the spike's shape remains
> congruent, then we may also be receiving usable data about the linearity or
> non-linearity of the spike's decay.
>
>
>
> If no one is able to do the experiment I am suggesting, I might purchase a
> second pre-amp, wind another antenna loop and see for myself.
>
>
>
> I invite anyone's comments about this.
>
>
>
> Michael
>
>
>
>
>
>
>
>
> From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf
> Of damiangotch
> Sent: Saturday, September 25, 2010 2:25 PM
> To: Super_SID@yahoogroups.com
> Subject: [Super_SID] Re: Stanford Plot range
>
>
>
>
>
>
> Hi again,
>
>

>
> Well the plots did come across - fantastic, I have included another example,
>
>
>
> Image removed by sender.
>
>
>
> Image removed by sender.
>
>
>
>
>
> Image removed by sender.
>
>
>
> The noise data clearly shows the large spike that was impacting the DHO
> data. But also it is clear that the NSC data has a decent SNR 25:1 (13dB -
> assuming 10log)
>
>
>
> It would be great if the online data was easy for us to interpret and get
> more involved I will copy this to Debbie by email and see if any changes can
> be made.
>
>
>
> This is turning out to be a fun project,
>
>
>
> Best regards Damian.
>
>
>
>
>
>
>
>
>
>
>
>
>
> --- In Super_SID@yahoogroups.com, "Michael Rudolph" <mrudolph@> wrote:
> >
> > Dear Karl-Heinz,
> >

> >
> >
> > I do not believe you made an error in your advice. Damian is still
> > struggling with establishing his monitor to function as other monitors do,
> > so it is a bit premature for him to experiment. I merely applaud him for
> > thinking outside the box and offering a creative adjustment to the program
> > or the procedure. If, for example, his proposal to turn off the pre-amp
> > during the night with a timer produces clearer day-time curves and peaks
> > using the existing program, Debbie might want to instruct all of the
> > monitors to install timer shut-offs for uniformity. Clearly, the program
> > operates on the raw data to produce a chart to most clearly indicate the
> > time that SIDs occur (the amplitude of the peaks are less important
> because
> > they are un-calibrated and subject to local variables). If Damian's
> > proposal makes the chart a better indicator, that would be an advance. Of
> > course, the same thing can be done more elegantly by reprogramming the
> > software, but Stanford may not have the current resources to accomplish
> it,
> > so if the idea proves useful, timers may be a viable and economical
> stop-gap
> > solution.
> >
> >
> >
> > I feel privileged, as an amateur, to be able to collaborate with and learn
> > from everyone who participates in this project.
> >
> >
> >
> > Best regards,
> >
> > Michael
> >
> >
> >
> > From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On
> Behalf
> > Of abrandi2000
> > Sent: Saturday, September 25, 2010 5:44 AM
> > To: Super_SID@yahoogroups.com
> > Subject: [Super_SID] Re: Stanford Plot range
> >
> >
> >
> >
> >
> >
> > Hello Michael and Damian,
> >
> > well, than i have complete misunderstood this posting and please excuse my
> > error. Depend on your additional information Michael, i can agree, that

> > there are sometimes dynamice range problems or somethinkg like
> > datacompression in the online chart. Thats why i have wrote aditional my
> own
> > chart program with php to plot the data from xls files.
> >
> > regards,
> > Karl-Heinz
> >
> >
> > --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com> ,
> > "Michael Rudolph" mrudolph@ wrote:
> > >
> > > Dear Karl and Damian,
> > >
> > >
> > >
> > > Karl, I think your advice to Damian is sound for the time being since
> > Damian
> > > is still finding his way to producing data that is usable to Stanford.
> > > However, Damian is on to something that may contribute to Stanford as it
> > > seeks to improve its program.
> > >
> > >
> > >
> > > Damian, I encourage you to be in touch with Debbie Scherrer at
> > > dscherrer@ at Stanford U. and discuss with her what you are
> > > suggesting. She sometimes is delayed in getting back to you but she
> will.
> > > Meanwhile, I would do your experiment but not send Stanford any of your
> > > experimental data through normal channels because Stanford is only
> capable
> > > of comparing your data with others if it is obtained in the usual way.
> > >
> > >
> > >
> > > If you do convey your idea (and I hope you do), please suggest to Debbie
> > > that the program allow raw data to be saved and retrieved simultaneously
> > > with any processed data.
> > >
> > >
> > >
> > > I do note your question about ground path vs. bounced path but leave
> that
> > to
> > > someone else to answer.
> > >
> > >
> > >
> > > I have sent Debbie a copy of this correspondence.
> > >

> > >
> > >
> > > Be well,
> > >
> > > Michael
> > >
> > >
> > >
> > > From: Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> > [mailto:Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>]
> On
> > Behalf
> > > Of abrandi2000
> > > Sent: Saturday, September 25, 2010 4:33 AM
> > > To: Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> > > Subject: [Super_SID] Re: Stanford Plot range
> > >
> > >
> > >
> > >
> > >
> > >
> > > Hello Damian,
> > >
> > > thats not a good idea. Your first task is to find usefull transmitter
> > > to get good night / day shapes. That would be transmitter in range about
> > 800
> > > - 1500km or also NAA 24.0khz(5000Km) from USA.
> > >
> > > A good list you find here (with location)
> > > http://sidstation.lionelloudet.homedns.org/stations-list-en.xhtml
> > >
> > > It is usefull to observe plenty of different station, because the day /
> > > night shape depend on
> > > 1) distance of station
> > > 2) direction of station
> > > 3) change of season
> > >
> > > good luck and have always fun with radioastronomy,
> > > Karl-Heinz
> > >
> > > --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> > <mailto:Super_SID%40yahoogroups.com> ,
> > > "damiangotch" <damiangotch@> wrote:
> > > >
> > > > Dear users, The UK-Baildon data we have been getting is looking really
> > > good but I have a couple of questions/thoughts, firstly as we are
> > monitoring
> > > in the north of UK the GBZ & GDQ transmitters are very strong, what is
> the
> > > minimum distance from a transmitter before the ionospheric bounce is

> > > dominant over the ground path?
> > > > I can see from the data that the Day/Night levels are very similar so
> we
> > > will stop monitoring these sites as I believe the data will not be
> useful.
> > > >
> > > > Second thought is that when the data is plotted by Stanford they
> appear
> > to
> > > limit the plot range to the min and max of the 24hr data, this can
> > compress
> > > the daytime data into a really small Y region at the bottom. Generally
> > this
> > > is due to a few high level nightime spikes.
> > > > I was considering trying to edit the data to clip the nightime levels
> to
> > > say 4 times the mid day values but this could be tricky, however I have
> > > noticed that the Stanford routines ignore times when the signal falls to
> > > very low levels so I was wondering if I switched the pre-amplifier off
> > > 30mins either side of sunrise/sunset this may generate better plot data
> > and
> > > show any flares more clearly.
> > > > Any comment welcome. Best regards Damian
> > > >
> > >
> > >
> >
>

349. Yesterday 16.10.2010 19:07 UTC Class M2.9 event

Yahoo group: Super_SID
Date: 2010-10-17 07:45:09 UTC
From: abrandi2000
Topic: 349 Message: 349

Hello together,

check your monitors.
Yesterday 16.10.2010 19:07 UTC a Class M2.9 event shows up.

6730 + 1907 1912 1915 G14 5 XRA 1-8A M2.9 6.4E-03 1112

For Europe to late for good results, but oversea should have nice SID's.
I got only a very small SID on 24KHZ NAA Station.

regards,
Karl-Heinz

350. Re: Yesterday 16.10.2010 19:07 UTC Class M2.9 event

Yahoo group: Super_SID
Date: 2010-10-17 07:49:21 UTC
From: damiangotch
Topic: 349 Message: 350

Karl-Heinz,

Wow some fantastic traces, Mike your Genesis data captured it incredibly well I am very envious! Better luck for us Europeans next time eh.

Best regards,

Damian
--- In Super_SID@yahoogroups.com, "abrandi2000" <karl-heinz.gansel@...> wrote:
>
> Hello together,
>
> check your monitors.
> Yesterday 16.10.2010 19:07 UTC a Class M2.9 event shows up.
>
> 6730 + 1907 1912 1915 G14 5 XRA 1-8A M2.9 6.4E-03 1112
>
> For Europe to late for good results, but oversea should have nice SID's.
> I got only a very small SID on 24KHZ NAA Station.
>
> regards,
> Karl-Heinz
>

352. RE: [Super_SID] Re: Yesterday 16.10.2010 19:07 UTC Class M2.9 event

Yahoo group: Super_SID
Date: 2010-10-17 12:41:05 UTC
From: Michael Rudolph
Topic: 349 Message: 352
Attachments: 2 described; binary payloads are missing from this source WARC

Dear Damian, Karl-Heinz, and all,

Damian, yes, thank you. I caught it on NAA, NLK, and NAU.

Karl-Heinz, What is your monitor's site name and location? I like to follow the monitors of those I correspond with.

All, I am wondering about the JJI trace of Antony 78. It is atypical in its shape, but peaks at exactly the right place. What do you all think?

Also, all, the event appears on the NAA trace of CSIFLARE 044 but when I filter for it using "View Data by Monitor," I cannot find the monitor on the list. Would someone kindly check me on that?

Best regards,

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of damiangotch
Sent: Sunday, October 17, 2010 3:49 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Yesterday 16.10.2010 19:07 UTC Class M2.9 event

Damian,

Wow some fantastic traces, Mike your Genesis data captured it incredibly well I am very envious! Better luck for us Europeans next time eh.

Best regards,

Damian
--- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com> , "abrandi2000" <karl-heinz.gansel@...> wrote:
>
> Hello together,
>
> check your monitors.
> Yesterday 16.10.2010 19:07 UTC a Class M2.9 event shows up.
>
> 6730 + 1907 1912 1915 G14 5 XRA 1-8A M2.9 6.4E-03 1112
>
> For Europe to late for good results, but oversea should have nice SID's.
> I got only a very small SID on 24KHZ NAA Station.
>
> regards,
> Karl-Heinz

>

353. Re: Yesterday 16.10.2010 19:07 UTC Class M2.9 event

Yahoo group: Super_SID
Date: 2010-10-17 16:54:24 UTC
From: abrandi2000
Topic: 349 Message: 353

Hello Michael,

> Karl-Heinz, What is your monitor's site name and location?

Monitor Name and location (Europe/Germany):
Site = ERAC_DARO
Longitude = 6.6167
Latitude = 51.7667

regards,
Karl-Heinz

354. RE: [Super_SID] Re: Yesterday 16.10.2010 19:07 UTC Class M2.9 event

Yahoo group: Super_SID
Date: 2010-10-17 17:16:57 UTC
From: Michael Rudolph
Topic: 349 Message: 354
Attachments: 2 described; binary payloads are missing from this source WARC

Hello Karl-Heinz,

It looks like you got a small spike from NAA yourself.

My wife is from Germany - Rosenheim (near Munchen). Please tell me the truth of something I heard that astounds me. I heard that Germany no longer uses the word "fraulein" (excuse my omission of the umlaut) to refer to unmarried women and that "frau" is used for all women and girls - even young unmarried ones. Is that true?

My apologies to others on the group for my momentary departure from technical content.

Best regards,

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of abrandi2000
Sent: Sunday, October 17, 2010 12:54 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Yesterday 16.10.2010 19:07 UTC Class M2.9 event

Hello Michael,

> Karl-Heinz, What is your monitor's site name and location?

Monitor Name and location (Europe/Germany):
Site = ERAC_DARO
Longitude = 6.6167
Latitude = 51.7667

regards,
Karl-Heinz

355. Re: Yesterday 16.10.2010 19:07 UTC Class M2.9 event

Yahoo group: Super_SID
Date: 2010-10-17 17:50:23 UTC
From: abrandi2000
Topic: 349 Message: 355

Hello Michael,

>I heard that Germany no longer uses the word "fraulein" (excuse my omission of the umlaut) to refer to unmarried women and that "frau" is used for all women and girls ☐ even young unmarried ones. Is that true?

Well, "Fräulein" comes from the 1970'er and time is changing :)
Today we used "Frau" for all girls and womans :) . Makes them more happy :)

regards,
Karl-Heinz

356. RE: [Super_SID] A side question

Yahoo group: Super_SID
Date: 2010-10-17 23:12:14 UTC
From: Michael Rudolph
Topic: 349 Message: 356
Attachments: 2 described; binary payloads are missing from this source WARC

Yikes! I have been caught in a 1970 time warp!

Mit freundlichen Gruessen,

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of abrandi2000
Sent: Sunday, October 17, 2010 1:50 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Yesterday 16.10.2010 19:07 UTC Class M2.9 event

Hello Michael,

>I heard that Germany no longer uses the word "fraulein" (excuse my omission of the umlaut) to refer to unmarried women and that "frau" is used for all women and girls ☐ even young unmarried ones. Is that true?

Well, "Fräulein" comes from the 1970'er and time is changing :)
Today we used "Frau" for all girls and womans :) . Makes them more happy :)

regards,
Karl-Heinz

357. Uploaded data - Transmitter codes & Frequencies

Yahoo group: Super_SID
Date: 2010-10-18 17:58:51 UTC
From: damiangotch
Topic: 357 Message: 357

Hi all,

I have been looking through the database entries and downloading some of the data files and comparing the transmitter codes and their frequencies to the table on the Stanford site. I think I may have found a few anomalies in the config files.

UN-Vienna. ICV; frequency of 19800 -which does not correspond, should be 20270?

UN-Vienna HWV; frequency of 20270 - Transmitter should read ICV?

ERAC-Daro FTA; frequency 20900 - Transmitter should read HWV?

OLGGraz. NSY; frequency 45.9 - Transmitter should read ICV?

I only noticed because the patterns of some of my data for the same sites did not match up.

Things are hotting up so we should see some Interesting data.

Best regards,

Damian (UK-Baildon)

358. Re: [Super_SID] Uploaded data - Transmitter codes & Frequencies

Yahoo group: Super_SID
Date: 2010-10-28 12:38:59 UTC
From: Danielle Matusiak
Topic: 357 Message: 358

Hello everyone,
We are two research students in the science research department at Manhasset High School, we were wondering if anyone knew the time difference between the solar flare occurring and the GOES sattelite pickup, and the difference between the GOES sattelite pickup and VLF pickup. If anyone has any knowledge of this we would be very greatful to hear from you! Our data is now currently running and we should be contributing soon!

From: damiangotch <damiangotch@yahoo.co.uk>
To: Super_SID@yahoogroups.com
Sent: Mon, October 18, 2010 1:58:51 PM
Subject: [Super_SID] Uploaded data - Transmitter codes & Frequencies

Hi all,

I have been looking through the database entries and downloading some of the data files and comparing the transmitter codes and their frequencies to the table on the Stanford site. I think I may have found a few anomalies in the config files.

UN-Vienna. ICV; frequency of 19800 -which does not correspond, should be 20270?

UN-Vienna HWV; frequency of 20270 - Transmitter should read ICV?

ERAC-Daro FTA; frequency 20900 - Transmitter should read HWV?

OLGGraz. NSY; frequency 45.9 - Transmitter should read ICV?

I only noticed because the patterns of some of my data for the same sites did not match up.

Things are hotting up so we should see some Interesting data.

Best regards,

Damian (UK-Baildon)

Yahoo! Groups Links

359. Re: [Super_SID] Uploaded data - Transmitter codes & Frequencies

Yahoo group: Super_SID
Date: 2010-10-28 19:49:20 UTC
From: Nicholas Gross
Topic: 357 Message: 359
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Danielle,
The GOES satellites are primarily used for weather prediction (taking pictures of cloud cover and storms) but also have space environment instruments on them. All the instrument measurements are feed back through NASA feeds directly to the NOAA forecast centers. In the case of the space environment instruments, they are sent to the NOAA Space Weather Prediction Center (SWPC; http://www.swpc.noaa.gov/)
The instrument on the GOES satellites in geostationary orbit detects the detects the X-Ray intensity directly at two different energys or wavelengths.

X-Rays do not penetrate the Earth's atmosphere and so can not be measured directly on the Earth's surface. The X-Rays are absorbed in the Earth's very upper atmosphere at about 100 km altitude and cause the atoms and molecules there to ionize (stripping one or more electrons from the atom). This layer of neutral plasma (overall neutral but made of charged particles) can affect radio communications, which is where the VLF comes in. Changes in the ionosphere layer, particularly sudden ones, are seen as sudden changes in the radio strength, which is what the SID (Sudden Ionospheric Disturbance) monitors measure.

I hope this helps. Let me know if you have any more questions.

Best Regards,
Nick Gross

On 10/28/10 8:38 AM, Danielle Matusiak wrote:
>
>
> Hello everyone,
> We are two research students in the science research department at
> Manhasset High School, we were wondering if anyone knew the time
> difference between the solar flare occurring and the GOES sattelite
> pickup, and the difference between the GOES sattelite pickup and VLF
> pickup. If anyone has any knowledge of this we would be very greatful
> to hear from you! Our data is now currently running and we should be
> contributing soon!
>
>
> ---
> *From:* damiangotch <damiangotch@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Mon, October 18, 2010 1:58:51 PM
> *Subject:* [Super_SID] Uploaded data - Transmitter codes & Frequencies
>

> Hi all,
>
> I have been looking through the database entries and downloading some
> of the data files and comparing the transmitter codes and their
> frequencies to the table on the Stanford site. I think I may have
> found a few anomalies in the config files.
>
> UN-Vienna. ICV; frequency of 19800 -which does not correspond, should
> be 20270?
>
> UN-Vienna HWV; frequency of 20270 - Transmitter should read ICV?
>
> ERAC-Daro FTA; frequency 20900 - Transmitter should read HWV?
>
> OLGGraz. NSY; frequency 45.9 - Transmitter should read ICV?
>
> I only noticed because the patterns of some of my data for the same
> sites did not match up.
>
> Things are hotting up so we should see some Interesting data.
>
> Best regards,
>
> Damian (UK-Baildon)
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
> Super_SID-fullfeatured@yahoogroups.com
> <mailto:Super_SID-fullfeatured@yahoogroups.com>
>
>
>
>
>
>
>

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

360. RE: [Super_SID] Uploaded data - Transmitter codes & Frequencies

Yahoo group: Super_SID
Date: 2010-10-29 00:07:51 UTC
From: Michael Rudolph
Topic: 357 Message: 360
Attachments: 2 described; binary payloads are missing from this source WARC

Dear students,

I have not noticed anyone responding to your questions regarding time, so I will give it a shot. X-rays emitted from the sun will travel at the speed of light to the GOES satellite, so when you ascertain the height of GOES' orbit (which I do not know), approximating 93 million miles from earth to the sun, you can easily calculate the time of transmission.

The time from when an event is recorded by GOES to when any particular monitor responds to it is variable, and I believe that all the parameters that affect it are not known.

I am sure that someone out there can give you a better set of answers.

Best wishes,

Michael Rudolph

Genesis Solar Observatory

.....

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Danielle Matusiak
Sent: Thursday, October 28, 2010 8:39 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Uploaded data - Transmitter codes & Frequencies

Hello everyone,

We are two research students in the science research department at Manhasset High School, we were wondering if anyone knew the time difference between the solar flare occurring and the GOES sattelite pickup, and the difference between the GOES sattelite pickup and VLF pickup. If anyone has any knowledge of this we would be very greatful to hear from you! Our data is now currently running and we should be contributing soon!

From: damiangotch <damiangotch@...>
To: Super_SID@yahoogroups.com
Sent: Mon, October 18, 2010 1:58:51 PM
Subject: [Super_SID] Uploaded data - Transmitter codes & Frequencies

Hi all,

I have been looking through the database entries and downloading some of the data files and comparing the transmitter codes and their frequencies to the table on the Stanford site. I think I may have found a few anomalies in the config files.

UN-Vienna. ICV; frequency of 19800 -which does not correspond, should be 20270?

UN-Vienna HWV; frequency of 20270 - Transmitter should read ICV?

ERAC-Daro FTA; frequency 20900 - Transmitter should read HWV?

OLGGraz. NSY; frequency 45.9 - Transmitter should read ICV?

I only noticed because the patterns of some of my data for the same sites did not match up.

Things are hotting up so we should see some Interesting data.

Best regards,

Damian (UK-Baildon)

Yahoo! Groups Links

361. Query on flare timing

Yahoo group: Super_SID
Date: 2010-11-06 08:57:58 UTC
From: damiangotch
Topic: 361 Message: 361

Hi all,
I am puzzled by yesterdays M class flare which is indicated as occurring at 12:30 UTC in red on the stanford data plots but most of data shows the peak one hour later but a few show it at the indicated time.
Using the apparent down times for NAA 0300-0400 UTC and DHO 0700-0800 UTC as a reference most of the sites agree on timing Mike (Genesis) data shows approx 30 min difference? 2 days ago I changed the config file to log some new stations and at the same time changed the UTC offset to 0 from +1 as we are now on GMT, even though the data since end of daylight savings appeared to have been correct without the change.
is it possible that Stanford are not converting the times correctly or that the impact of the Flare was delayed for an hour for some reason.

Best regards,
Damian

362. Query on flare timing -update

Yahoo group: Super_SID
Date: 2010-11-06 09:23:47 UTC
From: damiangotch
Topic: 361 Message: 362

Hi,
I have checked the live data and spaceweather.com and the flare was actually at 13:29UTC so the red markers have been placed in the wrong location! Problem solved although some sites show different times so there may still be some upload issues.

Regards,
Damian

--- In Super_SID@yahoogroups.com, "damiangotch" <damiangotch@...> wrote:
>
> Hi all,
> I am puzzled by yesterdays M class flare which is indicated as occurring at 12:30 UTC in red on the stanford data plots but most of data shows the peak one hour later but a few show it at the indicated time.
> Using the apparent down times for NAA 0300-0400 UTC and DHO 0700-0800 UTC as a reference most of the sites agree on timing Mike (Genesis) data shows approx 30 min difference? 2 days ago I changed the config file to log some new stations and at the same time changed the UTC offset to 0 from +1 as we are now on GMT, even though the data since end of daylight savings appeared to have been correct without the change.
> is it possible that Stanford are not converting the times correctly or that the impact of the Flare was delayed for an hour for some reason.
>
> Best regards,
> Damian
>

363. Re: [Super_SID] Query on flare timing -update

Yahoo group: Super_SID
Date: 2010-11-06 10:28:05 UTC
From: Jaap Akkerhuis
Topic: 361 Message: 363

On Nov 6, 2010, at 10:23, damiangotch wrote:

> I have checked the live data and spaceweather.com and the flare was actually at 13:29UTC so the red markers have been placed in the wrong location! Problem solved although some sites show different times so there may still be some upload issues.

Well, that was the time of the maximum. According to <http://www.swpc.noaa.gov/ftpdir/indices/events/20101105events.txt> the flare started at 12:43 UTC. It seems that the start of the flare and the maximum determines the length of the red markers. As an illustration do zoom to a smaller time frame. The next URL shows the graphs starting 12:00 UTC for two hours: <http://sid.stanford.edu/database-browser/browse.jsp?date=2010-11-05T01.00.00&time=GMT&display=vertical&mss=true&sss=true&timeRange=1440&size=1000x200>.

jaap

364. VLF SID and GOES compare

Yahoo group: Super_SID
Date: 2010-11-06 10:37:34 UTC
From: abrandi2000
Topic: 364 Message: 364

Hi all,

today we got 3 small X-Rays on Sun and done a fast compare between VLF Observation and Data from GOES Satelites. I am always impressive how well VLF sun observation works. Yes, sometimes it need the right time, frequency and direction, but than it works fantastic.

http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/134833505/view

regards,
Karl-Heinz

365. ON AIR

Yahoo group: Super_SID
Date: 2010-11-20 16:45:36 UTC
From: DIVYADARSHAN PUROHIT
Topic: 365 Message: 365
Attachments: 3 described; binary payloads are missing from this source WARC

Dear Friends,
**
All India Radio is an Official Radio Broadcasting of Government of India & it is famous as "AkashVani"(Speech of sky).It is a pride for a speaker to give talk on it.It is listened by more than 0.8 Billion people all over the India.
**
Last year I have been invited to talk on "Research on the radio waves from the Jupiter" on the basis of Radio Jove project of NASA & gifted to us by SARA.The contract was for six month.That talk show was of 10min. & got grand success.Looking to this I have been invited by A.I.R. again to talk on "Solar storms ,its cause & remedies to save the earth from it".This is based on Super SID & Radio Jove.
**
*This talk was of 7 min.& has been recorded at AIR studio at Vadodara on 10/11/2010 & it will be on Air on 24/11/2010 .It will come under heading "Vigyan
Bharati karyakram" {i.e.Indian Science programme) & will be relay from the Indraprasth Channel of AIR from New Delhi between 10 to 10:30P.M. (IST)on 24/11/2010.This will be broad casted by all the Radio Station of AIR all over India & through the world with the help of DTH.This contract is for six months & signed by Station director on behalf of The President of India .*
**
Kindly listen the talk,(it is in Indian National Language Hindi ,because AIR reaches in remote places where most of the listeners could not understand English) & guide me so that I can improve my self more.
**
with kind regards,
*DDPurohit
--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
*

366. Getting Started...

Yahoo group: Super_SID
Date: 2010-11-21 16:52:03 UTC
From: Les Rayburn
Topic: 210 Message: 366

My Super-SID monitor arrived just the other day, and I plan to complete the installation during the Thanksgiving Holiday. I'll be using an LF Engineering (www.lfengineering.com) H-800 Active Whip for an antenna. Living in a deed restricted HOA neighborhood, I feel that active whip is the best low profile antenna for the application.

I'd like some advice about how to set up my monitoring program, log keeping, daily procedures used by others, web sites that might be helpful, etc.

Also, I'd like recommendations for testing the device, since I doubt that a solar flare will appear "on cue" for me.

Thanks and looking forward to joining the group.

73,

Les Rayburn, N1LF
121 Mayfair Park
Maylene, AL 35114
EM63nf

367. RE: [Super_SID] Getting Started...

Yahoo group: Super_SID
Date: 2010-11-22 01:27:14 UTC
From: Michael Rudolph
Topic: 210 Message: 367
Attachments: 2 described; binary payloads are missing from this source WARC

Les,

Why did you chose the H-800 rather than one of the other whip antennas sold by IF Engineering?

Michael

From: Super_SID@...m [mailto:Super_SID@yahoogroups.com] On Behalf Of Les Rayburn
Sent: Sunday, November 21, 2010 11:52 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Getting Started...

My Super-SID monitor arrived just the other day, and I plan to complete the installation during the Thanksgiving Holiday. I'll be using an LF Engineering (www.lfengineering.com) H-800 Active Whip for an antenna. Living in a deed restricted HOA neighborhood, I feel that active whip is the best low profile antenna for the application.

I'd like some advice about how to set up my monitoring program, log keeping, daily procedures used by others, web sites that might be helpful, etc.

Also, I'd like recommendations for testing the device, since I doubt that a solar flare will appear "on cue" for me.

Thanks and looking forward to joining the group.

73,

Les Rayburn, N1LF

121 Mayfair Park

Maylene, AL 35114

EM63nf

368. Re: Getting Started...

Yahoo group: Super_SID
Date: 2010-11-22 15:08:52 UTC
From: Les Rayburn
Topic: 210 Message: 368

I didn’t. Simply happened to have one on hand, and thought it would make more sense in this neighborhood than trying to use a large loop.

They also make active whips that are specifically designed for LF/VLF, which would likely be a better choice. Let me see what kind of results I get out of the H-800, and if it’s not satisfactory, I’ll attempt one of the other antennas.

73,

Les Rayburn, Director
High Noon Film
130 1st Avenue West
Alabaster, AL 35007-8536
(205) 621-7500
(205) 621-7505 FAX
(205) 253-4867 CELL
http://www.highnoonfilm.com

369. RE: [Super_SID] Re: Getting Started...

Yahoo group: Super_SID
Date: 2010-11-22 16:55:09 UTC
From: Michael Rudolph
Topic: 210 Message: 369
Attachments: 2 described; binary payloads are missing from this source WARC

I am very interested to hear your results.

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Les Rayburn
Sent: Monday, November 22, 2010 10:09 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Getting Started...

I didn’t. Simply happened to have one on hand, and thought it would make more sense in this neighborhood than trying to use a large loop.

They also make active whips that are specifically designed for LF/VLF, which would likely be a better choice. Let me see what kind of results I get out of the H-800, and if it’s not satisfactory, I’ll attempt one of the other antennas.

73,

Les Rayburn, Director
High Noon Film
130 1st Avenue West
Alabaster, AL 35007-8536
(205) 621-7500
(205) 621-7505 FAX
(205) 253-4867 CELL
http://www.highnoonfilm.com

370. RE: [Super_SID] Getting Started...

Yahoo group: Super_SID
Date: 2010-11-22 20:51:53 UTC
From: WILLIAM & MELINDA LORD
Topic: 210 Message: 370

Les,

Copy all of the SuperSID disk to your hard drive. Open the DOC folder and you will find the SuperSID Manual. It pretty well goes thru how to set up and configure your system. The "test" to know it is working will be to monitor for 24 hours and then plot to determin if you can see sunrise and sunset signature. If you can see these you will be able to see SID's.

There are other good docs in the file to read and learn more about SID's. On the user group website, you can also find links.

If you do not get good results with your whip antenna, keep in mind the loop antenna can be kept indoors like in an attic or where ever you find room. Neighbors do not even have to know:-)

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sun, 11/21/10, Michael Rudolph <mrudolph@genesisobservatory.us> wrote:

From: Michael Rudolph <mrudolph@genesisobservatory.us>
Subject: RE: [Super_SID] Getting Started...
To: Super_SID@yahoogroups.com
Date: Sunday, November 21, 2010, 7:27 PM

Les,

Why did you chose the H-800 rather than one of the other whip antennas sold by IF Engineering?

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Les Rayburn
Sent: Sunday, November 21, 2010 11:52 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Getting Started...

My Super-SID monitor arrived just the other day, and I plan to complete the installation during the Thanksgiving Holiday. I'll be using an LF Engineering (www.lfengineering.com) H-800 Active Whip for an antenna. Living in a deed restricted HOA neighborhood, I feel that active whip is the best low profile antenna for the application.

I’d like some advice about how to set up my monitoring program, log keeping, daily procedures used by others, web sites that might be helpful, etc.

Also, I’d like recommendations for testing the device, since I doubt that a solar flare will appear “on cue” for me.

Thanks and looking forward to joining the group.

73,

Les Rayburn, N1LF

121 Mayfair Park

Maylene, AL 35114

EM63nf

371. database browser problems?

Yahoo group: Super_SID
Date: 2010-12-06 13:47:03 UTC
From: Dave Benham
Topic: 371 Message: 371

I am not able to access the Stanford database browser site:
http://sid.stanford.edu/database-browser/browse.jsp

I'm getting the dreaded "Not Found" error.

Is anyone else having trouble with it, or is this a personal problem? :-)

Thanks.

Dave
McMath-Hulbert Solar Observatory

372. Re: [Super_SID] database browser problems?

Yahoo group: Super_SID
Date: 2010-12-06 14:09:38 UTC
From: Jaap Akkerhuis
Topic: 371 Message: 372

On Dec 6, 2010, at 14:47, Dave Benham wrote:

> Is anyone else having trouble with it, or is this a personal problem? J

Since http://sid.stanford.eu still can be reached, I assume that the database machine is down.
So, don't take it personal :-).

jaap

373. RE: [Super_SID] database browser problems?

Yahoo group: Super_SID
Date: 2010-12-06 15:22:23 UTC
From: Michael Rudolph
Topic: 371 Message: 373
Attachments: 2 described; binary payloads are missing from this source WARC

Dave and all,

I can't access it either and have not done or said anything recently to provoke retaliation, so I must assume their server is down.

But here's another question. For several days I have not been able to receive the NAA signal although I clearly am receiving the NAU signal. Has anyone else experienced this?

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Dave Benham
Sent: Monday, December 06, 2010 8:47 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] database browser problems?

I am not able to access the Stanford database browser site: http://sid.stanford.edu/database-browser/browse.jsp

I'm getting the dreaded "Not Found" error.

Is anyone else having trouble with it, or is this a personal problem? J

Thanks.

Dave

McMath-Hulbert Solar Observatory

374. Re: [Super_SID] database browser problems?

Yahoo group: Super_SID
Date: 2010-12-06 15:46:23 UTC
From: Jaap Akkerhuis
Topic: 371 Message: 374

On Dec 6, 2010, at 16:22, Michael Rudolph wrote:

> But here’s another question. For several days I have not been able to receive the NAA signal although I clearly am receiving the NAU signal. Has anyone else experienced this?

Yes, I do see that and others have reported (on the AAVSO list) as well that NAA seems down.

jaap

375. RE: [Super_SID] database browser problems?

Yahoo group: Super_SID
Date: 2010-12-06 16:07:10 UTC
From: Michael Rudolph
Topic: 371 Message: 375

Dear Jaap,

I stopped monitoring the aavso list some years ago. Are they doing SID work so I ought to get back to monitoring them? If so, how do I filter out all the other things they do. In my memory, the correspondence on that list was huge.

Michael

-----Original Message-----
From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Jaap Akkerhuis
Sent: Monday, December 06, 2010 10:46 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] database browser problems?

On Dec 6, 2010, at 16:22, Michael Rudolph wrote:

> But here's another question. For several days I have not been able to receive the NAA signal although I clearly am receiving the NAU signal. Has anyone else experienced this?

Yes, I do see that and others have reported (on the AAVSO list) as well that NAA seems down.

jaap

Yahoo! Groups Links

376. Re: [Super_SID] database browser problems?

Yahoo group: Super_SID
Date: 2010-12-06 19:12:20 UTC
From: Jaap Akkerhuis
Topic: 371 Message: 376

Michael,

> I stopped monitoring the aavso list some years ago. Are they doing SID work
> so I ought to get back to monitoring them? If so, how do I filter out all
> the other things they do. In my memory, the correspondence on that list was
> huge.

The list is aavso-sid-list@... and pretty low volume.

General information about the mailing list is at
<http://mira.aavso.org/mailman/listinfo/aavso-sid-list>
and one can subscribe there as well.

jaap

377. Re: [Super_SID] database browser problems?

Yahoo group: Super_SID
Date: 2010-12-06 22:33:58 UTC
From: Jaap Akkerhuis
Topic: 371 Message: 377
Attachments: 1 described; binary payloads are missing from this source WARC

On Dec 6, 2010, at 14:47, Dave Benham wrote:

> I am not able to access the Stanford database browser site:
http://sid.stanford.edu/database-browser/browse.jsp

The server seems back again.

jaap

PS. NAA seems transmitting as well, at least today.

378. RE: [Super_SID] database browser problems? [1 Attachment]

Yahoo group: Super_SID
Date: 2010-12-06 23:01:41 UTC
From: Dave Benham
Topic: 371 Message: 378

Thanks, Jaap. I just noticed it a little while ago.

Dave

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Jaap Akkerhuis
Sent: Monday, December 06, 2010 5:34 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] database browser problems? [1 Attachment]

[Attachment(s) from Jaap Akkerhuis included below]

On Dec 6, 2010, at 14:47, Dave Benham wrote:

> I am not able to access the Stanford database browser site: http://sid.stanford.edu/database-browser/browse.jsp

The server seems back again.

jaap

PS. NAA seems transmitting as well, at least today.

379. Big sunspot rotating into view

Yahoo group: Super_SID
Date: 2010-12-07 14:46:42 UTC
From: Nicholas Gross
Topic: 379 Message: 379
Attachments: 1 described; binary payloads are missing from this source WARC

A large high latitude sunspot has rotated into view a few days ago. It has a simple magnetic configuration so it does not look like it is ready to erupt anytime soon (which is not to say that it won't :0) but it's size is impressive.

Take a look at the current pictures at
http://sdo.gsfc.nasa.gov/data/
and
http://sdo.gsfc.nasa.gov/assets/img/latest/latest_1024_4500.jpg

Nick

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

380. Frequency problem

Yahoo group: Super_SID
Date: 2010-12-10 19:26:14 UTC
From: astroalan
Topic: 380 Message: 380

Hi all, my name is Alan my friend Steve and I have had our super-sid monitor for about 10 days. We have run it for a week and taken note of the frequencies which co-incide with the pecks on our graph we are now in a position to choose which transmitters are the best for our location here in the UK. But we have come across a small problem which we would be grateful for some advice with. We have a few good pecks on our graph but when we click on the peck to find its frequency some of the frequencies are slightly different from the ones on the VLF station list contained in the super-sid manual e.g. we have a good peck which we thought was the Icelandic transmitter at 37.5khz but when we click on the peck the frequency reads 37.9khz. Have we a problem with our setup?

Regards Alan & Steve

P.S. If you wish to e-mail us can you use alanwhite@... as we are having trouble accessing our Yahoo mailbox (again) Thanks.

381. Re: [Super_SID] Frequency problem

Yahoo group: Super_SID
Date: 2010-12-11 02:02:54 UTC
From: Marcus D. Leech
Topic: 380 Message: 381

> Hi all, my name is Alan my friend Steve and I have had our super-sid
> monitor for about 10 days. We have run it for a week and taken note of
> the frequencies which co-incide with the pecks on our graph we are now
> in a position to choose which transmitters are the best for our
> location here in the UK. But we have come across a small problem which
> we would be grateful for some advice with. We have a few good pecks on
> our graph but when we click on the peck to find its frequency some of
> the frequencies are slightly different from the ones on the VLF
> station list contained in the super-sid manual e.g. we have a good
> peck which we thought was the Icelandic transmitter at 37.5khz but
> when we click on the peck the frequency reads 37.9khz. Have we a
> problem with our setup?
>
> Regards Alan & Steve
>
> P.S. If you wish to e-mail us can you use alanwhite@...
> <mailto:alanwhite%40gmx.co.uk> as we are having trouble accessing our
> Yahoo mailbox (again) Thanks.
>
37.9KHz is a popular "dot clock" frequency for VGA computer
displays--it's likely that's what you're seeing.

> .
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

382. Re: [Super_SID] Frequency problem

Yahoo group: Super_SID
Date: 2010-12-11 02:09:18 UTC
From: Marcus D. Leech
Topic: 380 Message: 382

> 37.9KHz is a popular "dot clock" frequency for VGA computer
> displays--it's likely that's what you're seeing.
>
Sorry, not dot-clock, horizontal-sync clock.

The ones to look out for are:

31.5KHz
32.8KHz
37.9KHz

for nominal 60Hz frame refresh rates. Horizontal sync pulses can
sometimes radiate quite a bit from a VGA cable.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

383. Re: Frequency problem

Yahoo group: Super_SID
Date: 2010-12-12 13:17:36 UTC
From: damiangotch
Topic: 380 Message: 383

Hi Alan,
I have attached a plot from our UK Baildon (Yorkshire) site to show the likely transmitters you should be able to receive, they are labelled for you. You may well find that due to the resolution on the screen that the peaks do not perfectly match but you will find that the data collected should be good. Check out our data on the Stanford site to see the type of patterns you should be getting. You can monitor more that 6 signals then look at the data and then downselect, the colours do not matter you can use black for all the extra frequencies in the config file.Where are you located?
Good luck
Damian

--- In Super_SID@yahoogroups.com, "astroalan" <astroalan@...> wrote:
>
> Hi all, my name is Alan my friend Steve and I have had our super-sid monitor for about 10 days. We have run it for a week and taken note of the frequencies which co-incide with the pecks on our graph we are now in a position to choose which transmitters are the best for our location here in the UK. But we have come across a small problem which we would be grateful for some advice with. We have a few good pecks on our graph but when we click on the peck to find its frequency some of the frequencies are slightly different from the ones on the VLF station list contained in the super-sid manual e.g. we have a good peck which we thought was the Icelandic transmitter at 37.5khz but when we click on the peck the frequency reads 37.9khz. Have we a problem with our setup?
>
> Regards Alan & Steve
>
> P.S. If you wish to e-mail us can you use alanwhite@... as we are having trouble accessing our Yahoo mailbox (again) Thanks.
>

384. Repeting Peaks

Yahoo group: Super_SID
Date: 2010-12-13 22:31:10 UTC
From: whswak
Topic: 384 Message: 384

Sorry for not posting more often. In Alaska, it is difficult to get solid data to post. Anyway, I have just started to get repeting peaks on my SID system. It looks like harmonics every 100Hz, -+ 5Hz even with the antennae disconnected. I have kept the receiver indoors at all times. My AC lines are fairly clean. It has occurred on two different PC's on three different software. I hae included a screen shot of the data. This is a WIDE-BAND problem from 300Hz to 22KHz. Any help would be grateful.

Carl
AKWHS
SID#065

385. Peak at 21330 Hz

Yahoo group: Super_SID
Date: 2010-12-16 21:06:41 UTC
From: whswak
Topic: 385 Message: 385

I have been receiving a peak at 21.330 kHz for some time. It's signal strength only varies +/-6db in a 24hour time, and on a 7day average almost nill. I have uploaded a screen shot of the spectrograph of the signal. I have used the 1meter loop (SID Standard) and a 1meter loaded coil whip with the same data. Is this just an artifact from my high latitude? Any insight would be of help.

Also fixed the harmonics issue.

site_name = WHSAK
longitude = 61.55370
latitude =149.34844
monitor_id = 065
audio_sampling_rate = 96000

Thanks,
Carl

386. FELIZ NAVIDAD MERRY CHRISTMAS

Yahoo group: Super_SID
Date: 2010-12-17 08:03:50 UTC
From: DIVYADARSHAN PUROHIT
Topic: 386 Message: 386

My all dearest friends,
**
*We Purohit pariwar (family)wishes all of you *
**
MERRY CHRISTMAS,
**
May almighty sower the blessings on all of us & on our planet in the new year which would be full of happiness,stress less,healthy.We hope that all our effort will create a new era of boarder less ,peaceful world,pure knowledge,scientific vision & where we can fight with our collective effort & plan to control global warming & climate change.Our knowledge will be useful to uplift the society with all needy person from every corner of the world.
**
with best regards,
*DDPurohit & Family *
*

*
*Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
*

387. FELIZ NAVIDAD MERRY CHRISTMAS

Yahoo group: Super_SID
Date: 2010-12-17 08:06:27 UTC
From: DIVYADARSHAN PUROHIT
Topic: 386 Message: 387

My all dearest friends,
**
*We Purohit pariwar (family)wishes all of you *
**
MERRY CHRISTMAS,
**
May almighty sower the blessings on all of us & on our planet in the new year which would be full of happiness,stress less,healthy.We hope that all our effort will create a new era of boarder less ,peaceful world,pure knowledge,scientific vision & where we can fight with our collective effort & plan to control global warming & climate change.Our knowledge will be useful to uplift the society all needy person from every corner of the world.
**
with best regards,
*DDPurohit & Family

*

*--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India*

388. FELIZ NAVIDAD MERRY CHRISTMAS

Yahoo group: Super_SID
Date: 2010-12-22 17:41:21 UTC
From: DIVYADARSHAN PUROHIT
Topic: 386 Message: 388

My all dearest friends,
**
*We Purohit pariwar (family)wishes all of you *
**
MERRY CHRISTMAS,
**
May almighty sower the blessings on all of us & on our planet in the new year which would be full of happiness,stress less,healthy.We hope that all our effort will create a new era of boarder less ,peaceful world,pure knowledge,scientific vision & where we can fight with our collective effort & plan to control global warming & climate change.Our knowledge will be useful to uplift the society with all needy person from every corner of the world.
**
with best regards,
*DDPurohit & Family *
*
*
*Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
*

389. HAPPY NEW YEAR,WELL COME 2011

Yahoo group: Super_SID
Date: 2010-12-31 09:40:20 UTC
From: DIVYADARSHAN PUROHIT
Topic: 389 Message: 389

My all dearest friends,
**
*We Purohit pariwar (family)wishes all of you *
**
a very happy & prosperous,delightful, 2011
**
May almighty sower the blessings on all of us & on our planet in the new year which would be full of happiness,stress less,healthy.We hope that all our effort will create a new era of boarder less ,peaceful world,pure knowledge,scientific vision & where we can fight with our collective effort & plan to control global warming & climate change.Our knowledge will be useful to uplift the society with all needy person from every corner of the world.
**
with best regards,
*DDPurohit & Family *
*
*
*Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
*

390. well come 2011 ,a new hope for space science & astronomy

Yahoo group: Super_SID
Date: 2011-01-01 13:58:58 UTC
From: DIVYADARSHAN PUROHIT
Topic: 390 Message: 390
Attachments: 5 described; binary payloads are missing from this source WARC

Dear Friends,
I ,at Gurudev Observatory,Vadodara,Gujarat,India , 73.12 E & 22.19 N has well come the down of 2011 with the new hope for astronomy & space science.I took some pictures with my Sony Handycam DCRSX40E from the terrace of the observatory.

Pictures shows...
(1)great Conjunction of Venus & crescent Moon of 6.35 degree at 5:55 AM,IST .(*Note:*All time slots are in IST so Subtract 5:30 from IST to get UT).Venus is going to its maximum elongation on 3/1/2011.

(2)Conjunction of Venus & Moon after starting of civil twilight,note that how bright Venus is even in at civil twilight in the polluted sky of heavily crowded city of Vadodara with population near by 2 million.One may note the Belt of Venus under the conjunction.Time of picture is 06:52 AM.

(3) Belt of Venus & underneath of it Earth's shadow are visible in this picture.This may be more beautiful if it was snapped from a mountain.You are seeing antenna structure of Radio Jove Telescope of NASA & Super SID of Stanford solar center at left side of the picture & two birds flying in the sky.Picture was snapped at 7:24 AM early in the morning showing west(sunset) side view of the observatory.

(4 & 5) Our soul,The beautiful SUN,at the down of 2011 at 7:24 AM.

(6)Very first day Sunrise from Gurudev Observatory 2011 at 7:21 AM .

You may see more on ,

http://www.flickr.com/photos/gurudevobservatory/ or

http://spaceweather.com/submissions/large_image_popup.php?image_name=DIVYADARSHAN-D-PUROHIT-201101010558333_1293889757.jpg

These are very sweet memories who will encourage me throughout the year to walk on the divine path of astronomy & space science.
with regards,
--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

391. starship asterisk

Yahoo group: Super_SID
Date: 2011-01-02 09:36:34 UTC
From: DIVYADARSHAN PUROHIT
Topic: 391 Message: 391

Dear Friends ,
You might know that Starship Asterisk is Apod & General discussion forum.I
am proud to be have my one of the pictures taken at the down of new year
from gurudev observatory on this site.You may look & share your vision at ,

http://bb.nightskylive.net/asterisk/viewtopic.php?f=29&t=22439&p=140149#p140149
with regards,
DDPurohit
--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

392. VLF Observer -> Solar eclipse on January 4 2011

Yahoo group: Super_SID
Date: 2011-01-02 10:21:23 UTC
From: abrandi2000
Topic: 392 Message: 392

Hi all,

interesting for the Europe VLF observer, we got on 4 January 2011 a partial solar eclipse. Maybe we can see a dip on VLF during this event, depend on direction and transmitter location (GBZ 19.6kHz / GQD 22.10 kHz).

Info:
http://en.wikipedia.org/wiki/Solar_eclipse_of_January_4,_2011
http://eclipse.gsfc.nasa.gov/OH/OHfigures/OH2011-Fig01.pdf

Problem in Europe is, the eclipse time is close to the morning Sun rise.

good luck!
KH

393. Re: [Super_SID] starship asterisk

Yahoo group: Super_SID
Date: 2011-01-03 02:47:11 UTC
From: WILLIAM & MELINDA LORD
Topic: 391 Message: 393

DD,
Beautiful photo! Thanks for sharing.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sun, 1/2/11, DIVYADARSHAN PUROHIT <divyadarshan63@...> wrote:

From: DIVYADARSHAN PUROHIT <divyadarshan63@...>
Subject: [Super_SID] starship asterisk
To:
Date: Sunday, January 2, 2011, 3:36 AM

Dear Friends ,
You might know that Starship Asterisk is Apod & General discussion forum.I am proud to be have my one of the pictures taken at the down of new year from gurudev observatory on this site.You may look & share your vision at ,

http://bb.nightskylive.net/asterisk/viewtopic.php?f=29&t=22439&p=140149#p140149

with regards,
DDPurohit
--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

394. Re: Response from Azerbaijan - [Super_SID] VLF Observer -> Solar eclipse on January 4 2011

Yahoo group: Super_SID
Date: 2011-01-03 07:11:24 UTC
From: Elchin S. BABAYEV
Topic: 392 Message: 394

Dear adherents,

here, in Azerbaijan, Pirgulu location, we are ready to track solar eclipse using our AWESOME VLF receiver and SuperSID.

We will let you know about results.

best wishes,

Elchin BABAYEV

Baku, Azerbaijan
 + 994. 50. 213.14.59

--- On Sun, 1/2/11, abrandi2000 <karl-heinz.gansel@...> wrote:

From: abrandi2000 <karl-heinz.gansel@...>
Subject: [Super_SID] VLF Observer -> Solar eclipse on January 4 2011
To: Super_SID@yahoogroups.com
Date: Sunday, January 2, 2011, 1:21 PM

Hi all,

interesting for the Europe VLF observer, we got on 4 January 2011 a partial solar eclipse. Maybe we can see a dip on VLF during this event, depend on direction and transmitter location (GBZ 19.6kHz / GQD 22.10 kHz).

Info:
http://en.wikipedia.org/wiki/Solar_eclipse_of_January_4,_2011
http://eclipse.gsfc.nasa.gov/OH/OHfigures/OH2011-Fig01.pdf

Problem in Europe is, the eclipse time is close to the morning Sun rise.

good luck!
KH

395. Re: [Super_SID] starship asterisk

Yahoo group: Super_SID
Date: 2011-01-03 12:34:53 UTC
From: DIVYADARSHAN PUROHIT
Topic: 391 Message: 395

Dear Bill & Melinda Lord,
Thanks for nice words of compliments.
regards,
DDPurohit

On Mon, Jan 3, 2011 at 8:17 AM, WILLIAM & MELINDA LORD <
ap_guardian@...> wrote:

>
>
> DD,
> Beautiful photo! Thanks for sharing.
>
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnskynet.com/>
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
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> --- On *Sun, 1/2/11, DIVYADARSHAN PUROHIT <divyadarshan63@...>*wrote:
>
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> From: DIVYADARSHAN PUROHIT <divyadarshan63@...>
> Subject: [Super_SID] starship asterisk
> To:
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> Dear Friends ,
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> http://bb.nightskylive.net/asterisk/viewtopic.php?f=29&t=22439&p=140149#p140149
> with regards,
> DDPurohit
> --
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India

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--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

396. supersid? Please advise

Yahoo group: Super_SID
Date: 2011-01-03 17:21:28 UTC
From: tonspaninks
Topic: 396 Message: 396

Dear reader,

I need advise.

At this moment I'm using an AASVO-SID-monitor which records the signal at 23,4 kHz. It works well, but I heard the SID- or superSID-monitor is more stable. Furthermore I saw very nice results from an obsever in the southern part of France.
If I read well, I suppose he superSid is very nice.

I'm very interested in observing the sun, white light, hydrogen-alpha, I'm operating magnetometers (http://members.ziggo.nl/tspaninks/). The monitor is a possiblity to observe the day around and when it is cloudy.

I'm also interested in the costs in aquiring the SID or superSID.

greetings,
Ton.

397. Re: [Super_SID] supersid? Please advise

Yahoo group: Super_SID
Date: 2011-01-03 22:39:31 UTC
From: WILLIAM & MELINDA LORD
Topic: 396 Message: 397
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Ton,

We have attached an order form for the SuperSID. The SuperSID is a pre-amp that feeds into a HD sound card that processes the signal. Depending on the soundcard, you can monitor multiple stations up to 48 KHz. Some people in Europe have sound cards that sample at 192 KHz and can go higher on the frequency monitored.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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--- On Mon, 1/3/11, tonspaninks <tspaninks@...> wrote:

From: tonspaninks <tspaninks@...>
Subject: [Super_SID] supersid? Please advise
To: Super_SID@yahoogroups.com
Date: Monday, January 3, 2011, 11:21 AM

Dear reader,

I need advise.

At this moment I'm using an AASVO-SID-monitor which records the signal at 23,4 kHz. It works well, but I heard the SID- or superSID-monitor is more stable. Furthermore I saw very nice results from an obsever in the southern part of France.
If I read well, I suppose he superSid is very nice.

I'm very interested in observing the sun, white light, hydrogen-alpha, I'm operating magnetometers (http://members.ziggo.nl/tspaninks/). The monitor is a possiblity to observe the day around and when it is cloudy.

I'm also interested in the costs in aquiring the SID or superSID.

greetings,
Ton.

398. RE: [Super_SID] supersid? Please advise [1 Attachment]

Yahoo group: Super_SID
Date: 2011-01-04 18:03:46 UTC
From: Ton Spaninks
Topic: 396 Message: 398

Dear Bill and Melinda,

I read the documentation. I have 2 questions:

- Is it possible to produce the graph on my own website like I do now? (http://members.ziggo.nl/tspaninks/skypipedata.htm)

- Do I understand the documentation wel: is it possible to “measure” more stations at once? (In the southern part of France there was somebody who produced the measurements of several stations).

Greetings,

Ton.

-

- Van: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] Namens WILLIAM & MELINDA LORD
Verzonden: maandag 3 januari 2011 22:40
Aan: Super_SID@yahoogroups.com
Onderwerp: Re: [Super_SID] supersid? Please advise [1 Attachment]

[Attachment(s) from WILLIAM & MELINDA LORD included below]

Hi Ton,

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www.tnSkyNet.com
www.radio-astronomy.org

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--- On Mon, 1/3/11, tonspaninks <tspaninks@...> wrote:

From: tonspaninks <tspaninks@...>
Subject: [Super_SID] supersid? Please advise
To: Super_SID@yahoogroups.com
Date: Monday, January 3, 2011, 11:21 AM

Dear reader,

I need advise.

At this moment I'm using an AASVO-SID-monitor which records the signal at 23,4 kHz. It works well, but I heard the SID- or superSID-monitor is more stable. Furthermore I saw very nice results from an obsever in the southern part of France.
If I read well, I suppose he superSid is very nice.

I'm very interested in observing the sun, white light, hydrogen-alpha, I'm operating magnetometers (http://members.ziggo.nl/tspaninks/). The monitor is a possiblity to observe the day around and when it is cloudy.

I'm also interested in the costs in aquiring the SID or superSID.

greetings,
Ton.

Attachment(s) from WILLIAM & MELINDA LORD

1 of 1 File(s)

<http://l.yimg.com/kq/static/images/yg/img/doc/doc16x16.gif>

<http://xa.yimg.com/kq/groups/36280421/1455342503/name/SuperSIDOrder%5B1%5D%2Edoc>
SuperSIDOrder[1].doc

399. Re: [Super_SID] supersid? Please advise

Yahoo group: Super_SID
Date: 2011-01-04 18:30:27 UTC
From: Marcus D. Leech
Topic: 396 Message: 399

On 01/04/2011 01:03 PM, Ton Spaninks wrote:
>
> Dear Bill and Melinda,
>
> I read the documentation. I have 2 questions:
>
> -Is it possible to produce the graph on my own website like I do now?
> (http://members.ziggo.nl/tspaninks/skypipedata.htm)
>
> -Do I understand the documentation wel: is it possible to “measure”
> more stations at once? (In the southern part of France there was
> somebody who produced the measurements of several stations).
>
> Greetings,
>
> Ton.
>
>
The SuperSID approach is vastly superior, in my opinion, to any of the
other cheap VLF monitors out there.

The SuperSID software allows you to monitor multiple stations, and my
own GnuRadio-based software, SIDSuite,
does the same thing, but with more "bells and whistles" than the
SuperSID software.

The approach used by both SuperSID and SIDSuite is to use the sound card
as a high-speed digitizer, and to do signal
extraction entirely in the digital domain. I use an off-the-shelf
Behringer MiniMIC microphone pre-amp as my amplifier
stage, and it is fed with a 1.5M diameter loop antenna with about
100M of 22ga wire on it, that then goes to a 96KHz
sound card (about to upgrade to 192KHz, to allow signals above 48KHz).

Once the signal is in the digital domain, you can do all kinds of
interesting things with it:

o 50Hz/60Hz harmonic elimination (SIDSuite does this, I don't
know about SuperSID)
o Pick out as many channels as your CPU performance will allow
(SIDSuite does 6 channels right now, don't know about SuperSID)
o Vary detector bandwidth, play with detection algorithms
o I've used both the Goertzel transform and FIR bandpass
filters in SIDSuite to pick out individual channels
o Dump the entire baseband spectrum to a file
o Demodulate the channel signals (SIDSuite used to do this, but I

decided to use the CPU cycles for other things)
o "Copy" part of the spectrum to the PC speakers, similar to an
SSB receiver
o Equalize the bandpass response of your pre-amp/sound-card
combination (if it isn't already reasonably flat).

Doing all the above in a purely-analog VLF receiver would be *very*
expensive, but in the digital domain, all it costs is
CPU cycles (and brainsweat coding up the necessary DSP functions :-)).

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

400. RE: [Super_SID] supersid? Please advise

Yahoo group: Super_SID
Date: 2011-01-04 18:57:29 UTC
From: WILLIAM & MELINDA LORD
Topic: 396 Message: 400

Dear Bill and Melinda,

I read the documentation. I have 2 questions:
- Is it possible to produce the graph on my own website like I do now? (http://members.ziggo.nl/tspaninks/skypipedata.htm) Yes, do a plot in the SuperSID program and do a screen print to create a file or plot with excel or other spreadsheet program.

- Do I understand the documentation wel: is it possible to “measure” more stations at once? (In the southern part of France there was somebody who produced the measurements of several stations). Yes, you can monitor and save multiple files.
Bill
Greetings,
Ton.
-
- Van: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] Namens WILLIAM & MELINDA LORD
Verzonden: maandag 3 januari 2011 22:40
Aan: Super_SID@yahoogroups.com
Onderwerp: Re: [Super_SID] supersid? Please advise [1 Attachment]

[Attachment(s) from WILLIAM & MELINDA LORD included below]

Hi Ton,

We have attached an order form for the SuperSID. The SuperSID is a pre-amp that feeds into a HD sound card that processes the signal. Depending on the soundcard, you can monitor multiple stations up to 48 KHz. Some people in Europe have sound cards that sample at 192 KHz and can go higher on the frequency monitored.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Mon, 1/3/11, tonspaninks <tspaninks@...> wrote:

From: tonspaninks <tspaninks@...>
Subject: [Super_SID] supersid? Please advise
To: Super_SID@yahoogroups.com
Date: Monday, January 3, 2011, 11:21 AM

Dear reader,

I need advise.

At this moment I'm using an AASVO-SID-monitor which records the signal at 23,4 kHz. It works well, but I heard the SID- or superSID-monitor is more stable. Furthermore I saw very nice results from an obsever in the southern part of France.
If I read well, I suppose he superSid is very nice.

I'm very interested in observing the sun, white light, hydrogen-alpha, I'm operating magnetometers (http://members.ziggo.nl/tspaninks/). The monitor is a possiblity to observe the day around and when it is cloudy.

I'm also interested in the costs in aquiring the SID or superSID.

greetings,
Ton.

Attachment(s) from WILLIAM & MELINDA LORD
1 of 1 File(s)

SuperSIDOrder[1].doc

401. Need a Mentor in Pennsylvania

Yahoo group: Super_SID
Date: 2011-01-04 19:21:38 UTC
From: AP_GUARDIAN
Topic: 401 Message: 401

A request from Ibukunoluwa Korede

Good day, I will be uploading my data for supersid by tomorrow. I need a mentor that is very close to me in Indiana University of Pennsylvania, Indiana, PA.
I'll appreciate if I can get one.

Let me know if you are available to help.
Thanks

402. Re: Response from Azerbaijan - [Super_SID] VLF Observer -> Solar eclipse on January 4 2011

Yahoo group: Super_SID
Date: 2011-01-04 20:49:51 UTC
From: abrandi2000
Topic: 392 Message: 402

Hi all,

well, on 22,1Khz i got a smal solar eclipse dip :)
http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/1191904402/view

But like i feared, morning Sun rise effects was strong disturbing.
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Elchin S. BABAYEV" <ebabayev@...> wrote:
>
> Dear adherents,
> Â
> here, in Azerbaijan, Pirgulu location, we are ready to track solar eclipse using our AWESOME VLF receiver and SuperSID.
> Â
> We will let you know about results.
>
> best wishes,
>
> Elchin BABAYEV
> Â
> Baku, Azerbaijan
> Â + 994. 50. 213.14.59
>
> --- On Sun, 1/2/11, abrandi2000 <karl-heinz.gansel@...> wrote:
>
>
> From: abrandi2000 <karl-heinz.gansel@...>
> Subject: [Super_SID] VLF Observer -> Solar eclipse on January 4 2011
> To: Super_SID@yahoogroups.com
> Date: Sunday, January 2, 2011, 1:21 PM
>
>
> Â
>
>
>
> Hi all,
>
> interesting for the Europe VLF observer, we got on 4 January 2011 a partial solar eclipse.
> Maybe we can see a dip on VLF during this event, depend on direction and transmitter location (GBZ 19.6kHz / GQD 22.10 kHz).
>

> Info:
> http://en.wikipedia.org/wiki/Solar_eclipse_of_January_4,_2011
> http://eclipse.gsfc.nasa.gov/OH/OHfigures/OH2011-Fig01.pdf
>
> Problem in Europe is, the eclipse time is close to the morning Sun rise.
>
> good luck!
> KH
>

403. RE: [Super_SID] supersid? Please advise

Yahoo group: Super_SID
Date: 2011-01-05 06:21:31 UTC
From: Dennis Recla
Topic: 396 Message: 403

I may have a problem with my Super SID, I can't seem to get any signal.

Do you have a way to retest one to see if it is zonked our or if it is working and my end is screwed up?

Or do you have a quick way to check and make sure it's working?

Dennis Recla

SID #049

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of WILLIAM & MELINDA LORD
Sent: Tuesday, January 04, 2011 10:57 AM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] supersid? Please advise

Dear Bill and Melinda,

I read the documentation. I have 2 questions:

- Is it possible to produce the graph on my own website like I do now? (http://members.ziggo.nl/tspaninks/skypipedata.htm) Yes, do a plot in the SuperSID program and do a screen print to create a file or plot with excel or other spreadsheet program.

- Do I understand the documentation wel: is it possible to "measure" more stations at once? (In the southern part of France there was somebody who produced the measurements of several stations). Yes, you can monitor and save multiple files.

Bill

Greetings,

Ton.

-

- Van: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] Namens WILLIAM & MELINDA LORD
Verzonden: maandag 3 januari 2011 22:40
Aan: Super_SID@yahoogroups.com
Onderwerp: Re: [Super_SID] supersid? Please advise [1 Attachment]

[
<http://us.mc1217.mail.yahoo.com/mc/welcome?.gx=1&.tm=1294167245&.rand=fnjna

3u2s854d#TopText> Attachment(s) from WILLIAM & MELINDA LORD included below]

Hi Ton,

We have attached an order form for the SuperSID. The SuperSID is a pre-amp that feeds into a HD sound card that processes the signal. Depending on the soundcard, you can monitor multiple stations up to 48 KHz. Some people in Europe have sound cards that sample at 192 KHz and can go higher on the frequency monitored.

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--- On Mon, 1/3/11, tonspaninks <tspaninks@...> wrote:

From: tonspaninks <tspaninks@...>
Subject: [Super_SID] supersid? Please advise
To: Super_SID@yahoogroups.com
Date: Monday, January 3, 2011, 11:21 AM

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I'm very interested in observing the sun, white light, hydrogen-alpha, I'm operating magnetometers (http://members.ziggo.nl/tspaninks/). The monitor is a possiblity to observe the day around and when it is cloudy.

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Attachment(s) from WILLIAM & MELINDA LORD

1 of 1 File(s)

<http://l.yimg.com/kq/static/images/yg/img/doc/doc16x16.gif>

<http://xa.yimg.com/kq/groups/36280421/1455342503/name/SuperSIDOrder%5B1%5D.doc> SuperSIDOrder[1].doc

404. Re: [Super_SID] supersid? Please advise

Yahoo group: Super_SID
Date: 2011-01-05 11:50:31 UTC
From: Tom Crowley
Topic: 396 Message: 404

Dennis, where are you located and what physical size antenna do you have. I'm in North Florida and am currently testing 700 foot of wire on a 12x12 foot frame. Smaller antennas that work closer to the xmitters do not work here.

cheers,

Tom

From: Dennis Recla
Sent: Wednesday, January 05, 2011 1:21 AM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] supersid? Please advise

I may have a problem with my Super SID, I can't seem to get any signal.

Do you have a way to retest one to see if it is zonked our or if it is working and my end is screwed up?

Or do you have a quick way to check and make sure it's working?

Dennis Recla

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To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] supersid? Please advise

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Ton.

Attachment(s) from WILLIAM & MELINDA LORD

1 of 1 File(s)

SuperSIDOrder[1].doc

405. Re: from Azerbaijan - [Super_SID] VLF Observer -> Solar eclipse on January 4 2011

Yahoo group: Super_SID
Date: 2011-01-05 16:51:27 UTC
From: Elchin S. BABAYEV
Topic: 405 Message: 405
Attachments: 1 described; binary payloads are missing from this source WARC

Hello, everybody,

using SID receiver in Azerbaijan, we got attached records during recent solar eclipse. Any comments?

best wishes,

Elchin BABAYEV

Baku, Azerbaijan
 + 994. 50. 213.14.59

--- On Tue, 1/4/11, abrandi2000 <karl-heinz.gansel@...> wrote:

From: abrandi2000 <karl-heinz.gansel@...>
Subject: Re: Response from Azerbaijan - [Super_SID] VLF Observer -> Solar eclipse on January 4 2011
To: Super_SID@yahoogroups.com
Date: Tuesday, January 4, 2011, 11:49 PM

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http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/1191904402/view

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Karl-Heinz

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> From: abrandi2000 <karl-heinz.gansel@...>
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> Problem in Europe is, the eclipse time is close to the morning Sun rise.
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> good luck!
> KH
>

406. RE: [Super_SID] supersid? Please advise

Yahoo group: Super_SID
Date: 2011-01-06 15:13:22 UTC
From: WILLIAM & MELINDA LORD
Topic: 396 Message: 406

Hi Dennis,
A common problem is the sound card settings. Be sure to verify the settings per the manual. Also, if you have more than one soundcard installed in your computer, be sure you only use the one SuperSID is plugged into. I.e. do not have speakers in one soundcard and SuperSID in another.

Have you ever gotten a signal with your SSID? We test all of them twice before we ship, but we do not run them 24 hours to "burn in" the components.

Also check you antenna and coax for continuity. Put a multimeter probe on the outside shield of the BNC connector and the other probe to the gold tip of the BNC connector.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 1/5/11, Dennis Recla <drecla@...> wrote:

From: Dennis Recla <drecla@...>
Subject: RE: [Super_SID] supersid? Please advise
To: Super_SID@yahoogroups.com
Date: Wednesday, January 5, 2011, 12:21 AM

I may have a problem with my Super SID, I can’t seem to get any signal.
Do you have a way to retest one to see if it is zonked our or if it is working and my end is screwed up?
Or do you have a quick way to check and make sure it’s working?

Dennis Recla
SID #049

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of WILLIAM & MELINDA LORD
Sent: Tuesday, January 04, 2011 10:57 AM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] supersid? Please advise

Dear Bill and Melinda,

I read the documentation. I have 2 questions:
- Is it possible to produce the graph on my own website like I do now? (http://members.ziggo.nl/tspaninks/skypipedata.htm) Yes, do a plot in the SuperSID program and do a screen print to create a file or plot with excel or other spreadsheet program.

-	Do I understand the documentation wel: is it possible to “measure” more stations at once? (In the southern part of France there was somebody who produced the measurements of several stations). Yes, you can monitor and save multiple files.
 Bill
Greetings,
Ton.
-
-	Van: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] Namens WILLIAM & MELINDA LORD
Verzonden: maandag 3 januari 2011 22:40
Aan: Super_SID@yahoogroups.com
Onderwerp: Re: [Super_SID] supersid? Please advise [1 Attachment]

[Attachment(s) from WILLIAM & MELINDA LORD included below]

Hi Ton,

We have attached an order form for the SuperSID. The SuperSID is a pre-amp that feeds into a HD sound card that processes the signal. Depending on the soundcard, you can monitor multiple stations up to 48 KHz. Some people in Europe have sound cards that sample at 192 KHz and can go higher on the frequency monitored.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Mon, 1/3/11, tonspaninks <tspaninks@...> wrote:

From: tonspaninks <tspaninks@...>
Subject: [Super_SID] supersid? Please advise
To: Super_SID@yahoogroups.com
Date: Monday, January 3, 2011, 11:21 AM

Dear reader,

I need advise.

At this moment I'm using an AASVO-SID-monitor which records the signal at 23,4 kHz. It works well, but I heard the SID- or superSID-monitor is more stable. Furthermore I saw very nice results from an obsever in the southern part of France .
If I read well, I suppose he superSid is very nice.

I'm very interested in observing the sun, white light, hydrogen-alpha, I'm operating magnetometers (http://members.ziggo.nl/tspaninks/). The monitor is a possiblity to observe the day around and when it is cloudy.

I'm also interested in the costs in aquiring the SID or superSID.

greetings,
Ton.

Attachment(s) from WILLIAM & MELINDA LORD

1 of 1 File(s)

SuperSIDOrder[1].doc

407. : beautiful conjunction

Yahoo group: Super_SID
Date: 2011-01-10 17:16:50 UTC
From: DIVYADARSHAN PUROHIT
Topic: 407 Message: 407
Attachments: 2 described; binary payloads are missing from this source WARC

Dear Friends,
You all are aware that Jupiter & Moon are become neighbour for short period now a days.Beautiful & very attractive conjunction of this both celestial giants is going on.

Yesterday they both were 10.22 degree from each other,crescent moon was just underneath of Jupiter.The first attachment shows the conjunction when the the moon was near to horizon.The remarkable thing is that even in a very intense street light at the both side of the crescent moon & at the horizon the conjunction was very pretty & was showing that now a days air pollution at Vadodara is some what lower looking to the very clear horizon.

Second picture is of today i.e.10/11/2011 when both were just 3.52 degree apart from each other ,the crescent moon was at the north of the Jupiter.Jupiter is at 5.2353 AU from the earth having phase 0.991 & minus 2.3 magnitude.While moon is 404846 K.M.from the earth & having 0.335phase & minus 9.3 magnitude today & both are in the constellation Pisces.

Radio Jove of NASA (http://radiojove.gsfc.nasa.gov/) is one of the best radio telescope ,very easy to operate that even a student can detect the Jovian radio signals at 19.8 to 20.4 Mhz.

More at ,

http://www.flickr.com/photos/gurudevobservatory/

or ...

http://spaceweather.com/submissions/large_image_popup.php?image_name=DIVYADARSHAN-D-PUROHIT-DSC00491_1294679491.jpg

with kind regards,

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

408. new zodiacal sign!

Yahoo group: Super_SID
Date: 2011-01-16 09:25:23 UTC
From: DIVYADARSHAN PUROHIT
Topic: 408 Message: 408

Dear Friends,
I am live on TV9Gujarati ,today between 4 to 4:30PM.Subject is the new zodiacal sign!If possible do watch.
regards,
DDPurohit

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

409. possible B1.6 Flare detection???

Yahoo group: Super_SID
Date: 2011-01-28 15:23:58 UTC
From: abrandi2000
Topic: 409 Message: 409

Hi all,

since 3 Days is the sun active and we got some nice B, C and M Flares!
I have reviewed my VLF Data and found something interesting on 27.01.2011.
Please look at attached picture!
http://www.astronomicum.de/modules/Gallery/data/media/92/Small_2011-01-27_qrg_66k6.jpg

Is it possible that on right condition we are able to detect a B1.6 Flare on VLF??
What do you think??

thanks for your opinion!
regards,
Karl

410. Re: [Super_SID] possible B1.6 Flare detection???

Yahoo group: Super_SID
Date: 2011-01-28 15:32:06 UTC
From: jecampagne
Topic: 409 Message: 410

Hello
Nice plot
Have a way that I can use your plot presentation on my data
I can try to perform the plot for the same period as you
JE

Le 28/01/2011 16:23, abrandi2000 a ?crit :
>
> Hi all,
>
> since 3 Days is the sun active and we got some nice B, C and M Flares!
> I have reviewed my VLF Data and found something interesting on 27.01.2011.
> Please look at attached picture!
> http://www.astronomicum.de/modules/Gallery/data/media/92/Small_2011-01-27_qrg_66k6.jpg
>
> Is it possible that on right condition we are able to detect a B1.6
> Flare on VLF??
> What do you think??
>
> thanks for your opinion!
> regards,
> Karl
>
>

411. Re: possible B1.6 Flare detection???

Yahoo group: Super_SID
Date: 2011-01-28 15:44:35 UTC
From: abrandi2000
Topic: 409 Message: 411

Hi,

well, i dont know :(These VLF Data collected NOT with SuperSID.
I use here Spectrumlab with souncard and homebrew PHP software. All Data stored in a mysql database. Tomorrow in want to compare the charts with my SuperSID. I want also to rewrite the PHP Chartsoftware
to use SuperSID xls Data, but i need some time.

regards,
Karl

--- In Super_SID@yahoogroups.com, jecampagne <jecampagne@...> wrote:
>
> Hello
> Nice plot
> Have a way that I can use your plot presentation on my data
> I can try to perform the plot for the same period as you
> JE
>
> Le 28/01/2011 16:23, abrandi2000 a écrit :
> >
> > Hi all,
> >
> > since 3 Days is the sun active and we got some nice B, C and M Flares!
> > I have reviewed my VLF Data and found something interesting on 27.01.2011.
> > Please look at attached picture!
> > http://www.astronomicum.de/modules/Gallery/data/media/92/Small_2011-01-27_qrg_66k6.jpg
> >
> > Is it possible that on right condition we are able to detect a B1.6
> > Flare on VLF??
> > What do you think??
> >
> > thanks for your opinion!
> > regards,
> > Karl
> >
> >
>

412. Re: [Super_SID] Re: possible B1.6 Flare detection???

Yahoo group: Super_SID
Date: 2011-01-28 16:31:25 UTC
From: jecampagne
Topic: 409 Message: 412

Le 28/01/2011 16:44, abrandi2000 a ?crit :
>
> Hi,
>
> well, i dont know :(These VLF Data collected NOT with SuperSID.
> I use here Spectrumlab with souncard and homebrew PHP software. All
> Data stored in a mysql database. Tomorrow in want to compare the
> charts with my SuperSID. I want also to rewrite the PHP Chartsoftware
> to use SuperSID xls Data, but i need some time.
>
If you have new ploting pf SuperSID xls Data that are suatable for you,
I can test it too.
JE

>
> regards,
> Karl
>
> --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>,
> jecampagne <jecampagne@...> wrote:
> >
> > Hello
> > Nice plot
> > Have a way that I can use your plot presentation on my data
> > I can try to perform the plot for the same period as you
> > JE
> >
> > Le 28/01/2011 16:23, abrandi2000 a ?crit :
> > >
> > > Hi all,
> > >
> > > since 3 Days is the sun active and we got some nice B, C and M Flares!
> > > I have reviewed my VLF Data and found something interesting on
> 27.01.2011.
> > > Please look at attached picture!
> > >
> http://www.astronomicum.de/modules/Gallery/data/media/92/Small_2011-01-27_qrg_66k6.jpg
> > >
> > > Is it possible that on right condition we are able to detect a B1.6
> > > Flare on VLF??
> > > What do you think??
> > >
> > > thanks for your opinion!
> > > regards,
> > > Karl

> > >
> > >
> >
>
>

413. New ploting application

Yahoo group: Super_SID
Date: 2011-02-07 13:06:19 UTC
From: jecampagne
Topic: 413 Message: 413

Hello,
With a colleague we are interested to develop a new and free plotting
application on iPad and Android products.
We have already skeleton to plot the power versus time data file.

The typical use case is
1) selection of SuperSID Antenna, may be several
2) selection of a time period
3) retrieve the data files
4) plot

Our main concern is the way we can access the data files stored I guess
in a database.
Is there a C/C++ or else applcation that we can download?

Thanks
Jean-Eric

414. RE: [Super_SID] New ploting application

Yahoo group: Super_SID
Date: 2011-02-07 14:15:04 UTC
From: Michael Rudolph
Topic: 413 Message: 414
Attachments: 2 described; binary payloads are missing from this source WARC

Hello John-Eric,

It sounds like a worthy thing to do. Just in case you do not know, the retrievable .csv files can be plotted in Microsoft Excel, and you can do your own easily enough. However, are you are saying that you want to automatically receive everyone else's plots in the same way as Stanford receives them and then plot them separately? Perhaps you can clarify what you have in mind.

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of jecampagne
Sent: Monday, February 07, 2011 8:06 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] New ploting application

Hello,
With a colleague we are interested to develop a new and free plotting application on iPad and Android products.
We have already skeleton to plot the power versus time data file.

The typical use case is
1) selection of SuperSID Antenna, may be several
2) selection of a time period
3) retrieve the data files
4) plot

Our main concern is the way we can access the data files stored I guess in a database.
Is there a C/C++ or else applcation that we can download?

Thanks
Jean-Eric

415. Re: [Super_SID] New ploting application

Yahoo group: Super_SID
Date: 2011-02-07 14:23:49 UTC
From: jecampagne
Topic: 413 Message: 415

Le 07/02/2011 15:15, Michael Rudolph a ?crit :
>
> *Hello John-Eric,*
>
> **
>
> *It sounds like a worthy thing to do. Just in case you do not know,
> the retrievable .csv files can be plotted in Microsoft Excel, and you
> can do your own easily enough. However, are you are saying that you
> want to automatically receive everyone else's plots in the same way as
> Stanford receives them and then plot them separately? Perhaps you can
> clarify what you have in mind.*
>
I have in mind that every one can on his iPad/Android table view the
data stored at Stanford, not only the data each SuperSID user are producing.
So we are looking to a repository (dat base) with free access to which
remote request can be send (eg. mySQL orders) to download the required
files to be ploted by our application...

This application is already working for our science projects (we are at
a French Research Particle and Cosmology lab.) and we can easily adapt
to SuperSID data format. This we can provide SUperSID communoty for free.

Best
JE

> **
>
> **
>
> *Michael*
>
> **
>
> *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *On Behalf Of *jecampagne
> *Sent:* Monday, February 07, 2011 8:06 AM
> *To:* Super_SID@yahoogroups.com
> *Subject:* [Super_SID] New ploting application
>
> Hello,
> With a colleague we are interested to develop a new and free plotting
> application on iPad and Android products.
> We have already skeleton to plot the power versus time data file.
>
> The typical use case is

> 1) selection of SuperSID Antenna, may be several
> 2) selection of a time period
> 3) retrieve the data files
> 4) plot
>
> Our main concern is the way we can access the data files stored I guess
> in a database.
> Is there a C/C++ or else applcation that we can download?
>
> Thanks
> Jean-Eric
>
>

416. RE: [Super_SID] New ploting application

Yahoo group: Super_SID
Date: 2011-02-07 17:09:21 UTC
From: Michael Rudolph
Topic: 413 Message: 416
Attachments: 2 described; binary payloads are missing from this source WARC

Hello again Jean-Eric

Please forgive the previous incorrect spelling of you name.

Is the uniqueness of your proposal that the data will be available to these particular devices and software applications whereas they are not now readily available to those devices? I am asking because the data are now available to pc platforms by downloading the .csv files which are archived at Stanford. Perhaps I have it wrong, so please correct me.

One thing I would point out to anyone who tries to correlate data produced by the various observatories is that there is not enough up-to-date information from each observatory as to their exact setup. Also, there is no standardization, including the construction, placement, and orientation of antenna, type of receiving equipment, etc., not to mention our inability to control (or even know precisely) the power output of the VLF transmitters. The result is that one cannot derive much meaning from signal strengths, but only from the timing of events (and perhaps from the shapes of curves), knowing the observatory's and transmitters' geographic locations. Still, there is value to be derived, but I would like to see some discussion of the possible meaning of data, in addition to discussing of how to acquire data. I would also like to see a group of observatories commit to maintaining some kind of uniformity among themselves, and engage in comparative dialogue.

Just my two cents.

Michael

.....

I have in mind that every one can on his iPad/Android table view the data stored at Stanford, not only the data each SuperSID user are producing. So we are looking to a repository (dat base) with free access to which remote request can be send (eg. mySQL orders) to download the required files to be ploted by our application...

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Best
JE

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of jecampagne
Sent: Monday, February 07, 2011 8:06 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] New ploting application

Hello,
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1) selection of SuperSID Antenna, may be several
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Our main concern is the way we can access the data files stored I guess in a database.
Is there a C/C++ or else applcation that we can download?

Thanks
Jean-Eric

417. Re: [Super_SID] New ploting application

Yahoo group: Super_SID
Date: 2011-02-07 18:09:49 UTC
From: jecampagne
Topic: 413 Message: 417

Le 07/02/2011 18:09, Michael Rudolph a ?crit :
>
> **
>
> *Hello again Jean-Eric*
>
> **
>
> *Please forgive the previous incorrect spelling of you name.*
>
Do not worry
>
> **
>
> **
>
> *Is the uniqueness of your proposal that the data will be available to
> these particular devices and software applications whereas they are
> not now readily available to those devices? I am asking because the
> data are now available to pc platforms by down*
>
May be I am wrong but the only way we have found to download few files,
is through the web interface located at the following address
http://sid.stanford.edu/database-browser/
This frontend provides some way to select SuperSID and time period for
display and download.
Although quite useful, I think we can do better.
I do not manage to retreive my files for a long period of time for instance.

If there is an other way to interact with the Stanford data base that
would be great.

> *loading the .csv files which are archived at Stanford. Perhaps I
> have it wrong, so please correct me.*
>
> **
>
> *One thing I would point out to anyone who tries to correlate data
> produced by the various observatories is that there is not enough
> up-to-date information from each observatory as to their exact setup.
> Also, there is no standardization, including the construction,
> placement, and orientation of antenna, type of receiving equipment,
> etc., not to mention our inability to control (or even know precisely)
> the power output of the VLF transmitters. The result is that one
> cannot derive much meaning from signal strengths, but only from the

> timing of events (and perhaps from the shapes of curves), knowing the
> observatory's and transmitters' geographic locations. Still, there is
> value to be derived, but I would like to see some discussion of the
> possible meaning of data, in addition to discussing of how to acquire
> data. I would also like to see a group of observatories commit to
> maintaining some kind of uniformity among themselves, and engage in
> comparative dialogue.*
>
> **
>
Yes, I agree that using blindly these data is non sense. May be people
who are using them can tell us how they proceed.
Jean-Eric
>
> *Just my two cents.*
>
> **
>
> *Michael*
>
> **
>
> *.....*
>
> I have in mind that every one can on his iPad/Android table view the
> data stored at Stanford, not only the data each SuperSID user are
> producing.
> So we are looking to a repository (dat base) with free access to which
> remote request can be send (eg. mySQL orders) to download the required
> files to be ploted by our application...
>
> This application is already working for our science projects (we are
> at a French Research Particle and Cosmology lab.) and we can easily
> adapt to SuperSID data format. This we can provide SUperSID communoty
> for free.
>
> Best
> JE
>
>
> **
>
> *Michael*
>
> **
>
> *From:*Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
> [mailto:Super_SID@yahoogroups.com] *On Behalf Of *jecampagne
> *Sent:* Monday, February 07, 2011 8:06 AM
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>

> *Subject:* [Super_SID] New ploting application
>
> Hello,
> With a colleague we are interested to develop a new and free plotting
> application on iPad and Android products.
> We have already skeleton to plot the power versus time data file.
>
> The typical use case is
> 1) selection of SuperSID Antenna, may be several
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>
> Our main concern is the way we can access the data files stored I guess
> in a database.
> Is there a C/C++ or else applcation that we can download?
>
> Thanks
> Jean-Eric
>
>

418. RE: [Super_SID] New ploting application

Yahoo group: Super_SID
Date: 2011-02-07 18:52:31 UTC
From: Michael Rudolph
Topic: 413 Message: 418
Attachments: 2 described; binary payloads are missing from this source WARC

Dear Jean-Eric,

Since you said ☐I do not manage to retreive my files for a long period of time for instance.,☐ are you aware that you can get your files back to 2003? You click on ☐View Data by Date.☐ When you find the date you want, either filter further or click on ☐Download Data Files.☐ Click on the particular file you want and then do a ☐Save as☐ to save the file to your computer as a .txt file. Rename the .txt as a .csv, and then double-click it. If Excel is on your computer, the file will open in Excel. Remove the lines that contain the header, reformat the left-hand column to show only time as hh:mm:ss, and then open as a chart using Excel☐s charting capability. If you don☐t know how to do that, ask and I will give you step by step instructions.

Perhaps you know all this, but I thought I would tell you just in case.

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of jecampagne
Sent: Monday, February 07, 2011 1:10 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] New ploting application

Le 07/02/2011 18:09, Michael Rudolph a écrit :

Hello again Jean-Eric

Please forgive the previous incorrect spelling of you name.

Do not worry

Is the uniqueness of your proposal that the data will be available to these particular devices and software applications whereas they are not now readily available to those devices? I am asking because the data are now available to pc platforms by down

May be I am wrong but the only way we have found to download few files, is through the web interface located at the following address
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Jean-Eric

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This application is already working for our science projects (we are at a French Research Particle and Cosmology lab.) and we can easily adapt to SuperSID data format. This we can provide SUperSID communoty for free.

Best
JE

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of jecampagne
Sent: Monday, February 07, 2011 8:06 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] New ploting application

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4) plot

Our main concern is the way we can access the data files stored I guess
in a database.
Is there a C/C++ or else applcation that we can download?

Thanks
Jean-Eric

419. Re: [Super_SID] New ploting application

Yahoo group: Super_SID
Date: 2011-02-07 20:29:58 UTC
From: Deborah Scherrer
Topic: 413 Message: 419

There is indeed another way to access the SID database:
http://jsoc2.stanford.edu/ajax/lookdata.html

The user guide is http://jsoc.stanford.edu/doc/exports/tour.pdf

However, it was not designed to be the prime access point for SID data,
it is not easy to learn, and it requires some knowledge of
how our data are stored.

Some explanation: The SID data are kept in the Joint Science Operations Center (JSOC),
hosted at Stanford and designed to hold the immense data being produced by 2 of the 3
instruments onboard the Solar Dynamics Observatory spacecraft. The SID data
are tiny compared to SDO so we barely perturb this database. Also, the SDO/JSOC
terminology does not match well nor map well with the SID data. e.g. for JSOC, a database
table is called a "series", of which there are many thousands for SDO. SID
has only a few, and we tend to call them the "database" or the tables.

The SDO/JSOC data "series" are primarily lists and lists of pointers
to hundreds of thousands of files. In JSOC, these are called "storage units" and
they are flat files just like the SID data.

There is a website that describes the JSOC, but again, in terms that may
be unfamiliar to SID users:
http://jsoc.stanford.edu/

You won't find any reference to SID data on the JSOC page. However, it can
give you an idea of how all the data are stored. The Stanford instrument
is HMI (the other instrument, AIA, is from Lockheed andyou can ignore sections
about it). SID data are stored in the system represented by HMI.

The SID primary "series" (i.e. databases) are:
sid_awe.sid (data)
sid_awe.monitors (table of monitors)
sid_awe.sites (host sides for SID monitors)
sid_awe.transmitters (list of transmitters used by SID monitors)
..... and so on

There is one more catch. The JSOC was never set up to be the
access point for SID data. So currently, it is password protected.
However, there is a way I can "publish" some of the SID data and make
them available for use. I will arrange that, but it may take some time.

One final caveat: there is essentially no one here at Stanford who is
available to answer questions. I know just enough to set up the SID
system and use it. But beyond that I'm not very useful. So this system
would be essentially "use at your own risk".

I will let you know when the SID data are published and hence available to you.

Deborah

On 2/7/2011 10:09 AM, jecampagne wrote:

Le 07/02/2011 18:09, Michael Rudolph a écrit :

Hello again Jean-Eric

Please forgive the previous incorrect spelling of you name.

Do not worry

Is the uniqueness of your proposal that the data will be available to these particular devices and software applications whereas they are not now readily available to those devices? I am asking because the data are now available to pc platforms by down

May be I am wrong but the only way we have found to download few files, is through the web interface located at the following address
http://sid.stanford.edu/database-browser/
This frontend provides some way to select SuperSID and time period for display and download.
Although quite useful, I think we can do better.
I do not manage to retreive my files for a long period of time for instance.

If there is an other way to interact with the Stanford data base that would be great.

loading the .csv files which are archived at Stanford. Perhaps I have it wrong, so please correct me.

One thing I would point out to anyone who tries to correlate data produced by the various observatories is that there is not enough up-to-date information from each observatory as to their exact setup. Also, there is no standardization, including the construction, placement, and orientation of antenna, type of receiving equipment, etc., not to mention our inability to control (or even know precisely) the power output of the VLF transmitters. The result is that one cannot derive much meaning from signal strengths, but only from the timing of events (and perhaps from the shapes of curves), knowing the observatory's and transmitters' geographic locations. Still, there is value to be derived, but I would like to see some discussion of the possible meaning of data, in addition to discussing of how to acquire data. I would also like to see a group of observatories commit to maintaining some kind of uniformity among themselves, and engage in comparative dialogue.

Yes, I agree that using blindly these data is non sense. May be people who are using them can tell us how they proceed.
Jean-Eric

Just my two cents.

Michael

……

I have in mind that every one can on his iPad/Android table view the data stored at Stanford, not only the data each SuperSID user are producing.

So we are looking to a repository (dat base) with free access to which remote request can be send (eg. mySQL orders) to download the required files to be ploted by our application...

This application is already working for our science projects (we are at a French Research Particle and Cosmology lab.) and we can easily adapt to SuperSID data format. This we can provide SUperSID communoty for free.

Best
JE

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of jecampagne
Sent: Monday, February 07, 2011 8:06 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] New ploting application

Hello,
With a colleague we are interested to develop a new and free plotting application on iPad and Android products.
We have already skeleton to plot the power versus time data file.

The typical use case is
1) selection of SuperSID Antenna, may be several
2) selection of a time period
3) retrieve the data files
4) plot

Our main concern is the way we can access the data files stored I guess in a database.
Is there a C/C++ or else applcation that we can download?

Thanks
Jean-Eric

420. Re: [Super_SID] New ploting application

Yahoo group: Super_SID
Date: 2011-02-08 07:36:52 UTC
From: jecampagne
Topic: 413 Message: 420

Le 07/02/2011 19:52, Michael Rudolph a ?crit :
>
> *Dear Jean-Eric,*
>
> **
>
> *Since you said "*I do not manage to retreive my files for a long
> period of time for instance.," are you aware that you can get your
> files back to 2003? You click on "View Data by Date." When you find
> the date you want, either filter further or click on "Download Data
> Files." Click on the particular file you want and then do a "Save as"
> to save the file to your computer as a .txt file. Rename the .txt as
> a .csv, and then double-click it. If Excel is on your computer, the
> file will open in Excel. Remove the lines that contain the header,
> reformat the left-hand column to show only time as hh:mm:ss, and then
> open as a chart using Excel's charting capability. If you don't know
> how to do that, ask and I will give you step by step instructions.
>
> Perhaps you know all this, but I thought I would tell you just in case.
>
Thanks Michael, I have noticed all that you have written here. This is
ok when you want to retreive a particular file.

But, I would like to get files not one by one but if I specify
"I want the files of this SuperSID id, looking to that source, from 2nd
July 2004 to 2nd Sept. 2006" then the apllication download the
required files and plot them...
This can be easily done if we have a frontend to the data base that
understand SQL like remote commands. to extract the required files and
then a FTP or else transfert to the local user device.

Jean-Eric

> Michael**
>
> **
>
> *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *On Behalf Of *jecampagne
> *Sent:* Monday, February 07, 2011 1:10 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] New ploting application
>
>
>
> Le 07/02/2011 18:09, Michael Rudolph a ?crit :

>
> **
>
> *Hello again Jean-Eric*
>
> **
>
> *Please forgive the previous incorrect spelling of you name.*
>
> Do not worry
>
> **
>
> *Is the uniqueness of your proposal that the data will be available to
> these particular devices and software applications whereas they are
> not now readily available to those devices? I am asking because the
> data are now available to pc platforms by down*
>
> May be I am wrong but the only way we have found to download few
> files, is through the web interface located at the following address
> http://sid.stanford.edu/database-browser/
> This frontend provides some way to select SuperSID and time period for
> display and download.
> Although quite useful, I think we can do better.
> I do not manage to retreive my files for a long period of time for
> instance.
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> If there is an other way to interact with the Stanford data base that
> would be great.
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> *loading the .csv files which are archived at Stanford. Perhaps I
> have it wrong, so please correct me.*
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>
> *One thing I would point out to anyone who tries to correlate data
> produced by the various observatories is that there is not enough
> up-to-date information from each observatory as to their exact setup.
> Also, there is no standardization, including the construction,
> placement, and orientation of antenna, type of receiving equipment,
> etc., not to mention our inability to control (or even know precisely)
> the power output of the VLF transmitters. The result is that one
> cannot derive much meaning from signal strengths, but only from the
> timing of events (and perhaps from the shapes of curves), knowing the
> observatory's and transmitters' geographic locations. Still, there is
> value to be derived, but I would like to see some discussion of the
> possible meaning of data, in addition to discussing of how to acquire
> data. I would also like to see a group of observatories commit to

> maintaining some kind of uniformity among themselves, and engage in
> comparative dialogue.*
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> Yes, I agree that using blindly these data is non sense. May be people
> who are using them can tell us how they proceed.
> Jean-Eric
>
> *Just my two cents.*
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>
> *Michael*
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>
> *.....*
>
> I have in mind that every one can on his iPad/Android table view the
> data stored at Stanford, not only the data each SuperSID user are
> producing.
> So we are looking to a repository (dat base) with free access to which
> remote request can be send (eg. mySQL orders) to download the required
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> at a French Research Particle and Cosmology lab.) and we can easily
> adapt to SuperSID data format. This we can provide SUperSID communoty
> for free.
>
> Best
> JE
>
>
>
> **
>
> *Michael*
>
> **
>
> *From:*Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
> [mailto:Super_SID@yahoogroups.com] *On Behalf Of *jecampagne
> *Sent:* Monday, February 07, 2011 8:06 AM
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
> *Subject:* [Super_SID] New ploting application
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> Hello,
> With a colleague we are interested to develop a new and free plotting

> application on iPad and Android products.
> We have already skeleton to plot the power versus time data file.
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> The typical use case is
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> Our main concern is the way we can access the data files stored I guess
> in a database.
> Is there a C/C++ or else applcation that we can download?
>
> Thanks
> Jean-Eric
>
>

421. Re: [SuperSoft] [Super_SID] New ploting application

Yahoo group: Super_SID
Date: 2011-02-08 23:54:24 UTC
From: Deborah Scherrer
Topic: 413 Message: 421

OK, the SID data have now been "published" are are accessible
through the lookdata tool:
http://jsoc.stanford.edu/ajax/lookdata.html.
The Seriesname filter you need to use is
sid_awe.sid
Then hit Fetch seriesname list
Then click on the sid_awe.sid - SID Level0 Database hotlink

This will give you a new screen. Check the box "Check box to show the QueryBuilder".
It will give you options for obtaining the data. You'll need to read the various
documentation to determine how to use them. It's not easy...

So, good luck and gawd speed...

Deborah

On 2/7/2011 12:29 PM, Deborah Scherrer wrote:
There is indeed another way to access the SID database:
http://jsoc2.stanford.edu/ajax/lookdata.html

The user guide is http://jsoc.stanford.edu/doc/exports/tour.pdf

However, it was not designed to be the prime access point for SID data,
it is not easy to learn, and it requires some knowledge of
how our data are stored.

Some explanation: The SID data are kept in the Joint Science Operations Center (JSOC),
hosted at Stanford and designed to hold the immense data being produced by 2 of the 3
instruments onboard the Solar Dynamics Observatory spacecraft. The SID data
are tiny compared to SDO so we barely perturb this database. Also, the SDO/JSOC
terminology does not match well nor map well with the SID data. e.g. for JSOC, a database
table is called a "series", of which there are many thousands for SDO. SID
has only a few, and we tend to call them the "database" or the tables.

The SDO/JSOC data "series" are primarily lists and lists of pointers
to hundreds of thousands of files. In JSOC, these are called "storage units" and
they are flat files just like the SID data.

There is a website that describes the JSOC, but again, in terms that may
be unfamiliar to SID users:
http://jsoc.stanford.edu/

You won't find any reference to SID data on the JSOC page. However, it can
give you an idea of how all the data are stored. The Stanford instrument
is HMI (the other instrument, AIA, is from Lockheed andyou can ignore sections
about it). SID data are stored in the system represented by HMI.

The SID primary "series" (i.e. databases) are:
sid_awe.sid (data)
sid_awe.monitors (table of monitors)
sid_awe.sites (host sides for SID monitors)
sid_awe.transmitters (list of transmitters used by SID monitors)
..... and so on

There is one more catch. The JSOC was never set up to be the
access point for SID data. So currently, it is password protected.
However, there is a way I can "publish" some of the SID data and make
them available for use. I will arrange that, but it may take some time.

One final caveat: there is essentially no one here at Stanford who is
available to answer questions. I know just enough to set up the SID
system and use it. But beyond that I'm not very useful. So this system
would be essentially "use at your own risk".

I will let you know when the SID data are published and hence available to you.

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On 2/7/2011 10:09 AM, jecampagne wrote:

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Please forgive the previous incorrect spelling of you name.

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loading the .csv files which are archived at Stanford. Perhaps I have it wrong, so please correct me.

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JE

Michael

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Sent: Monday, February 07, 2011 8:06 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] New ploting application

Hello,
With a colleague we are interested to develop a new and free plotting application on iPad and Android products.
We have already skeleton to plot the power versus time data file.

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3) retrieve the data files
4) plot

Our main concern is the way we can access the data files stored I guess in a database.
Is there a C/C++ or else applcation that we can download?

Thanks
Jean-Eric

_____
SuperSoft mailing list

SuperSoft@...
http://open.nlnetlabs.nl/mailman/listinfo/supersoft

422. Solar active sites are rotating into view

Yahoo group: Super_SID
Date: 2011-02-09 00:52:14 UTC
From: Nicholas Gross
Topic: 422 Message: 422
Attachments: 1 described; binary payloads are missing from this source WARC

http://sdo.gsfc.nasa.gov/data/
or
http://sdo.gsfc.nasa.gov/assets/img/dailymov/2011/02/07/20110207_1024_0171.mpg

Keep an eye on the monitors over the next couple of days.
Activity has been increasing over the last few days.
http://www.swpc.noaa.gov/today.html#xray

Nick

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

423. C4 flare caught on Super-SID

Yahoo group: Super_SID
Date: 2011-02-09 17:52:03 UTC
From: Jeff Brower
Topic: 423 Message: 423

Hi All,

I've been running the Super-SID receiver with a small loop for the past few weeks with various results. Yesterday I switched to my ham radio HF-6 vertical antenna (3-28 MHz) while I took apart and rewound the loop. I put the vertical on at 1800 UT and caught my first SID, a C4, (Max at 21:13:20 UT) on 2011-02-08. So it does work. The data was recorded on station NLK at 24.8 kHz. It had a typical decay pattern. I hope to get a larger loop up this week.

Jeff
ABMO/Monitor ID 0162
West Kelowna, British Columbia, Canada

424. RE: [Super_SID] Solar active sites are rotating into view

Yahoo group: Super_SID
Date: 2011-02-09 22:08:24 UTC
From: Michael Rudolph
Topic: 422 Message: 424
Attachments: 2 described; binary payloads are missing from this source WARC

Does anyone know if two antennas can be connected to a single SuperSid receiver and sound card? Perhaps with an impedance-matching splitter and a pre-amp, or 2 pre-amps before the splitter?

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Nicholas Gross
Sent: Tuesday, February 08, 2011 7:52 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Solar active sites are rotating into view

http://sdo.gsfc.nasa.gov/data/
or
http://sdo.gsfc.nasa.gov/assets/img/dailymov/2011/02/07/20110207_1024_0171.mpg

Keep an eye on the monitors over the next couple of days.
Activity has been increasing over the last few days.
http://www.swpc.noaa.gov/today.html#xray

Nick

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@... <mailto:gross%40bu.edu>
617-358-3245

425. Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-13 20:35:48 UTC
From: Nicholas Gross
Topic: 425 Message: 425
Attachments: 1 described; binary payloads are missing from this source WARC

There have been a lot of nice events in the last couple of days and this
is the most recent.

-------- Original Message --------
Subject: SUMMARY: X-Ray Event exceeded M5
Date: 13 Feb 2011 17:54:38 +0000
From: SWPC Product Subscription Service <SWPC.Products@...>
To: gross@...

Space Weather Message Code: SUMXM5
Serial Number: 74
Issue Time: 2011 Feb 13 1750 UTC

SUMMARY: X-ray Event exceeded M5
Begin Time: 2011 Feb 13 1728 UTC
Maximum Time: 2011 Feb 13 1738 UTC
End Time: 2011 Feb 13 1747 UTC
X-ray Class: M6.6
Location: S21E05
NOAA Scale: R2 - Moderate

NOAA Space Weather Scale descriptions can be found at
www.swpc.noaa.gov/NOAAscales

Thank you for using the Product Subscription Service. If you would like
to remove a product subscription or update the personal information in
your account, go to the Product Subscription Site.
<https://pss.swpc.noaa.gov> Please do not use the from address for
correspondence, as it is not monitored. For comments or help, please
contact SWPC Help. <mailto:pss.help@...>

426. Re: [Super_SID] Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-13 20:44:08 UTC
From: Marcus D. Leech
Topic: 425 Message: 426

On 02/13/2011 03:35 PM, Nicholas Gross wrote:
>
> There have been a lot of nice events in the last couple of days and
> this is the most recent.
>
My site captured that event quite well!

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

427. Re: [Super_SID] Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-13 20:52:33 UTC
From: Marcus D. Leech
Topic: 425 Message: 427
Attachments: 1 described; binary payloads are missing from this source WARC

On 02/13/2011 03:44 PM, Marcus D. Leech wrote:
>
> On 02/13/2011 03:35 PM, Nicholas Gross wrote:
>
>> There have been a lot of nice events in the last couple of days and
>> this is the most recent.
>>
> My site captured that event quite well!
>
>
I wonder if yahoo will allow me to insert an image:

NAA, with M5/M6-class flare

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

428. RE: [Super_SID] Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-13 22:05:44 UTC
From: Michael Rudolph
Topic: 425 Message: 428
Attachments: 2 described; binary payloads are missing from this source WARC

Dear group members,

I have been waiting until after midnight UTC each day to find out if I have captured solar activity because that is when the software produces the .csv or .txt file. Is there a way to view my capture on a continuous basis throughout the day without destroying the final file?

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Marcus D. Leech
Sent: Sunday, February 13, 2011 3:44 PM
To: Super_SID@yahoogroups.com
Cc: Nicholas Gross
Subject: Re: [Super_SID] Fwd: SUMMARY: X-Ray Event exceeded M5

On 02/13/2011 03:35 PM, Nicholas Gross wrote:

There have been a lot of nice events in the last couple of days and this is the most recent.

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Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

429. Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-14 05:33:04 UTC
From: abrandi2000
Topic: 425 Message: 429

Hello Michael,

there is no automatic continuous view available. You can save the
whole collected data into a file and write your own chart programm to view the data. I ask a view month ago for a configurable automatic save procedure.
Maybe you ask Deborah if any task has started to rewrite SuperSID.

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Michael Rudolph" <mrudolph@...> wrote:
>
> Dear group members,
>
>
>
> I have been waiting until after midnight UTC each day to find out if I have
> captured solar activity because that is when the software produces the .csv
> or .txt file. Is there a way to view my capture on a continuous basis
> throughout the day without destroying the final file?
>
>
>
> Michael

430. Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-14 08:13:14 UTC
From: damiangotch
Topic: 425 Message: 430

Michael,
Wow what a day! Your NAA data really captured the big one didn't it. We picked up the smaller one earlier in the day really well though.

Next few days should be exciting,

Best regards,
Damian (Baildon)

--- In Super_SID@yahoogroups.com, "Michael Rudolph" <mrudolph@...> wrote:
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> Dear group members,
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> I have been waiting until after midnight UTC each day to find out if I have
> captured solar activity because that is when the software produces the .csv
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> Sent: Sunday, February 13, 2011 3:44 PM
> To: Super_SID@yahoogroups.com
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> Marcus Leech
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> http://www.sbrac.org
>

431. Re: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-14 09:34:17 UTC
From: Jaap Akkerhuis
Topic: 425 Message: 431

Karl-Heinz, Michael, all

Apparently it is classified as a M6.6. Anyway,

On Feb 14, 2011, at 6:33, abrandi2000 wrote:

> there is no automatic continuous view available. You can save the
> whole collected data into a file and write your own chart programm to view the data.

There is actually no need to write your own chart programme yourself. The SupserSiD
uses a separate module to display the .csv files and you can call this via the
"run command" using the windows "shell" (cmd.exec or command.exe).
So type cmd or sommand into "run", chdir to the SuperSID program director,
now do "supersid_plot.exec datafile" (without the quotes).

As example, in the Program directory of the distribution do:

supersid_plot.exec ..\Data\WSO_NAA_2009-02-09.csv

and, voila, there it is.

> I ask a view month ago for a configurable automatic save procedure.
> Maybe you ask Deborah if any task has started to rewrite SuperSID.

Yeah, working on something here

jaap

432. RE: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-14 10:31:47 UTC
From: Michael Rudolph
Topic: 425 Message: 432
Attachments: 2 described; binary payloads are missing from this source WARC

Yes, thank you. I think I'll frame it and quit while I am ahead. It is interesting how some other transmitters gave me so much noise while NAA gave me that smooth line.

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of damiangotch
Sent: Monday, February 14, 2011 3:13 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Michael,
Wow what a day! Your NAA data really captured the big one didn't it. We picked up the smaller one earlier in the day really well though.

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Best regards,
Damian (Baildon)

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>
>
>
>
> On 02/13/2011 03:35 PM, Nicholas Gross wrote:
>
>
>
> There have been a lot of nice events in the last couple of days and this
is
> the most recent.
>
> My site captured that event quite well!
>
>
>
>
>
>
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

433. RE: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-14 10:38:26 UTC
From: Michael Rudolph
Topic: 425 Message: 433
Attachments: 2 described; binary payloads are missing from this source WARC

Thank you Jaap, I will try it.

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Jaap Akkerhuis
Sent: Monday, February 14, 2011 4:34 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Karl-Heinz, Michael, all

Apparently it is classified as a M6.6. Anyway,

On Feb 14, 2011, at 6:33, abrandi2000 wrote:

> there is no automatic continuous view available. You can save the
> whole collected data into a file and write your own chart programm to view the data.

There is actually no need to write your own chart programme yourself. The SupserSiD
uses a separate module to display the .csv files and you can call this via the
"run command" using the windows "shell" (cmd.exec or command.exe).
So type cmd or sommand into "run", chdir to the SuperSID program director,
now do "supersid_plot.exec datafile" (without the quotes).

As example, in the Program directory of the distribution do:

supersid_plot.exec ..\Data\WSO_NAA_2009-02-09.csv

and, voila, there it is.

> I ask a view month ago for a configurable automatic save procedure.
> Maybe you ask Deborah if any task has started to rewrite SuperSID.

Yeah, working on something here

jaap

434. Re: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5 (actually about plotting data files)

Yahoo group: Super_SID
Date: 2011-02-14 11:30:22 UTC
From: Jaap Akkerhuis
Topic: 425 Message: 434

On Feb 14, 2011, at 11:38, Michael Rudolph wrote:

> Thank you Jaap, I will try it.

There is actually an alias in the Data directory (supersid_plot.lnk,
sometimes calles ssp.lnk) on which you can drop a data file.
That should start the plot program as well. Or just dropping the datafile
on top of the supersid_plot.exe might work as well.

jaap

435. Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-17 05:48:08 UTC
From: abrandi2000
Topic: 425 Message: 435

Hello Jaap,

thats OK. But Michael ask, if it is possible to chart the actual data this day. With the SuperSID chart programm you can only chart data from yesterday, not today!
The only way is, to save the buffer and writing your own programm.

Michael, did i understand you correct??
Karl-Heinz

--- In Super_SID@yahoogroups.com, Jaap Akkerhuis <jaapna@...> wrote:
>
> Karl-Heinz, Michael, all
>
> Apparently it is classified as a M6.6. Anyway,
>
> On Feb 14, 2011, at 6:33, abrandi2000 wrote:
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> uses a separate module to display the .csv files and you can call this via the
> "run command" using the windows "shell" (cmd.exec or command.exe).
> So type cmd or sommand into "run", chdir to the SuperSID program director,
> now do "supersid_plot.exec datafile" (without the quotes).
>
> As example, in the Program directory of the distribution do:
>
> supersid_plot.exec ..\Data\WSO_NAA_2009-02-09.csv
>
> and, voila, there it is.
>
>
> > I ask a view month ago for a configurable automatic save procedure.
> > Maybe you ask Deborah if any task has started to rewrite SuperSID.
>
> Yeah, working on something here
>
> jaap
>

436. Re: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-17 11:28:02 UTC
From: Jaap Akkerhuis
Topic: 425 Message: 436

Karl-Heinz,

> thats OK. But Michael ask, if it is possible to chart the actual data this day. With the SuperSID chart programm you can only chart data from yesterday, not today!

What one really wants is not to dump the current buffers but the separate files. There was some work underway to do that but it never got finished. I've planned to take this up as soon as some other stuff is out of the way.

> The only way is, to save the buffer and writing your own programm.

Instead of writing everything from scratch, what one could do is turn the buffer into individual station files. A script in you favorite scripting language (perl/awk/python/ruby, whatever) should be able to do that.

jaap

437. RE: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-17 12:49:14 UTC
From: Michael Rudolph
Topic: 425 Message: 437
Attachments: 2 described; binary payloads are missing from this source WARC

Hello friends,

Yes, Karl-Heinz, you understood me correctly.

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of abrandi2000
Sent: Thursday, February 17, 2011 12:48 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Hello Jaap,

thats OK. But Michael ask, if it is possible to chart the actual data this day. With the SuperSID chart programm you can only chart data from yesterday, not today!
The only way is, to save the buffer and writing your own programm.

Michael, did i understand you correct??
Karl-Heinz

--- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com> , Jaap Akkerhuis <jaapna@...> wrote:
>
> Karl-Heinz, Michael, all
>
> Apparently it is classified as a M6.6. Anyway,
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> On Feb 14, 2011, at 6:33, abrandi2000 wrote:
>
> > there is no automatic continuous view available. You can save the
> > whole collected data into a file and write your own chart programm to view the data.
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> There is actually no need to write your own chart programme yourself. The SupserSiD
> uses a separate module to display the .csv files and you can call this via the
> "run command" using the windows "shell" (cmd.exec or command.exe).
> So type cmd or sommand into "run", chdir to the SuperSID program director,
> now do "supersid_plot.exec datafile" (without the quotes).
>
> As example, in the Program directory of the distribution do:
>
> supersid_plot.exec ..\Data\WSO_NAA_2009-02-09.csv

>
> and, voila, there it is.
>
>
> > I ask a view month ago for a configurable automatic save procedure.
> > Maybe you ask Deborah if any task has started to rewrite SuperSID.
>
> Yeah, working on something here
>
> jaap
>

438. Re: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-17 19:08:56 UTC
From: Deborah Scherrer
Topic: 425 Message: 438

The original SID software worked this way -- allowed you to interrupt processing and generate a new file every time you did. It's not hard. The catch for SuperSID is handling the averaging. But you might look at the old SID software to see how Ray Mitchill originally handled the interrupt.

Deborah

On 2/17/2011 3:28 AM, Jaap Akkerhuis wrote:

Karl-Heinz,

> thats OK. But Michael ask, if it is possible to chart the actual data this day. With the SuperSID chart programm you can only chart data from yesterday, not today!

What one really wants is not to dump the current buffers but the separate files. There was some work underway to do that but it never got finished. I've planned to take this up as soon as some other stuff is out of the way.

> The only way is, to save the buffer and writing your own programm.

Instead of writing everything from scratch, what one could do is turn the buffer into individual station files. A script in you favorite scripting language (perl/awk/python/ruby, whatever) should be able to do that.

jaap

439. Re: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-17 19:31:31 UTC
From: Marcus D. Leech
Topic: 425 Message: 439

On 02/17/2011 02:08 PM, Deborah Scherrer wrote:
>
> The original SID software worked this way -- allowed you to interrupt
> processing
> and generate a new file every time you did. It's not hard. The
> catch for SuperSID
> is handling the averaging. But you might look at the old SID software
> to see
> how Ray Mitchill originally handled the interrupt.
>
> Deborah
>
This doesn't seem that hard to me, my SIDsuite writes raw data out to
external files, and external software can at any time process
whatever is there, including larger integration values, etc.

But this is on Linux, where that type of thing is "natural".

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

440. Re: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-17 19:37:05 UTC
From: Deborah Scherrer
Topic: 425 Message: 440

Yeah, Jaap and I are Unix fans as well. But alas, most high schools don't run it.
Ray Mitchell was the chief engineer for the original SID monitor. He put a lot
of effort into making sure the interrupts were handled correctly by Windows.
Perhaps he would even be willing to help?

Debbie

On 2/17/2011 11:31 AM, Marcus D. Leech wrote:
On 02/17/2011 02:08 PM, Deborah Scherrer wrote:

The original SID software worked this way -- allowed you to interrupt processing
and generate a new file every time you did. It's not hard. The catch for SuperSID
is handling the averaging. But you might look at the old SID software to see
how Ray Mitchill originally handled the interrupt.

Deborah

This doesn't seem that hard to me, my SIDsuite writes raw data out to external files, and
external software can at any time process
whatever is there, including larger integration values, etc.

But this is on Linux, where that type of thing is "natural".

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

441. Re: [Super_SID] Re: Fwd: SUMMARY: X-Ray Event exceeded M5

Yahoo group: Super_SID
Date: 2011-02-17 23:29:48 UTC
From: Jaap Akkerhuis
Topic: 425 Message: 441

> Yeah, Jaap and I are Unix fans as well. But alas, most high schools don't run it.
> Ray Mitchell was the chief engineer for the original SID monitor. He put a lot
> of effort into making sure the interrupts were handled correctly by Windows.
> Perhaps he would even be willing to help?

SuperSID is really a complete different beast than SIDmon.

Remember that the function of the programs are quite different. The SIDmon
was more looking the data of one station and spend the rest of the time while
updating the display. Closing a file and creating a new one isn't hard.
SuperSID generates the data for multiple stations by simulating the
hardware of multiple receivers in real time, keeping up the display etc.
That makes SuperSID quite different from SIDmon

I do have an idea how it can do the "dump the station files now" but I need
first to do some hard needed maintenance. And for your information,
the whole mess has been ported to a newer version of python (2.6.6) in the process.

jaap

442. Need help with my config file and strange data.

Yahoo group: Super_SID
Date: 2011-02-20 23:24:45 UTC
From: André Choquette
Topic: 442 Message: 442
Attachments: 1 described; binary payloads are missing from this source WARC

Hi,

I hope, I'm at the rigth place to ask those questions.

I put my SuperSID at work few weeks ago now and I have one or two questions about my config file and my results.

Here what I have in my supersid.cfg file:

```
[PARAMETERS]

site_name = Menkar
longitude = -73.67
latitude = 45.59

utc_offset = -05:00
time_zone = Eastern Standard Time (EST)
monitor_id = 0144

audio_sampling_rate = 96000

log_interval = 5
log_format=supersid_format
log_type = filtered
scaling_factor = 1.0
```

If I open one of the csv file I have this:

```
# Site = Menkar
# Longitude = -73.67
# Latitude = 45.59
#
# UTC_Offset = 19
# TimeZone = Eastern Standard Time (EST)
#
# UTC_StartTime = 2010-12-27 00:00:00
# StationID = JJI
# Frequency = 22200
# MonitorID = 0144
# SampleRate = 5
```

First question what is that UTC Offet = 19 ? Is it okay ?

And my second question: I have very strange peak in my data. The average signal in my files is between 8000 - 50000, and those peaks can reach 8000000 some day (see attached picture). Anyone has an idea what can cause those peaks ?

Thanks for the help.

André

--

Observatoire Menkar
http://www.menkar.org

45d 35m 13.2s
-73d 40m 12.0s

443. Sun,cause of dramatic change,subject of research

Yahoo group: Super_SID
Date: 2011-02-21 10:32:33 UTC
From: DIVYADARSHAN PUROHIT
Topic: 443 Message: 443

Dear Friends,
**
As we all are aware about the X2.2 flares on 15th of Feb.It cause radio block out in southern china & western pacific ocean.But as I was firmly believe it shows a sudden dramatic change in climate of India.Delhi & Nagpur had seen heavy rainfall yesterday,while in my state Gujarat & Vadodara City we are observing unexpected cold for last 36 hrs.This was also during 2001-02 ,I am sure that Global warming has the main role in climate change but Sun has also not least.
**
As per my research data & experience sudden changes in any stage of Sun,solar max or min shows sudden dramatic change on earth related to human behaviour,mental imbalance,communal riot,earth quack,political changes.Some 40 to 60 % of extra ordinary revolution,political movements,good Or bad things happens in this duration.Natural disaster,sudden change in mental balance,milk producing capacity of animal,under ground water level ,human body -organs-cells-mind are adversely & cruelly effected by the sun anger,i.e.behaviour of the Sun.
**
*According to my Divine master Yugrishi Pt.Shri Ram Sharma Acharyaji ,{who inspired me to observe the sun behaviour in 1978 & so my observatory is named after them,**}"SURYA ATMAA JAGATASTUSHA"(RIGWEDA) ,sun is soul of our solar system & any changes in it directly effects on the whole solar system & at the end of & some times beyond the Heliosphere.*
**
No doubt these are the fields of experience,experiments & personal belief ,but I strongly suggest that we should think on this side also,try to collect as many data's,proofs so we can not change the sun but try to make our body-mind to be strong during this would be storms & like that for another things.
**
Please think on this,it will give a new concept to the vision of sun observation & will be beneficiary for earth & our new generation.
**
I have also one proved religious remedy which is strongly recommended to experience to Balance the inner dynamo of the sun,but we will discuss this hot issue later on.

*with best regards,
--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
*

444. The changing sun on AajTak News

Yahoo group: Super_SID
Date: 2011-02-21 12:13:42 UTC
From: DIVYADARSHAN PUROHIT
Topic: 444 Message: 444

Dear Friends,
**
*As per NASA,ESO,ESA,SDO,STEREO,JAXA observations ,Sun shows dramatic changes in its behaviour.**AajTak News (TV Today) - one of the famous & prominent National TV News Channel of India-will deliver the same.I will be with them at 9:30 P.M.to <http://p.m.to/> night (21/2/2011 Monday) and at 10:30 A.M. tomorrow (22/2/2011 Tuesday) to discuss the topic.*
**
*You may watch directly the Aajtak News at the given time or may visit http://www.aajtak.com ** convenience.Your suggestion & remarks will be highly appreciated.*
with best regards,
*DDPurohit
--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
*

445. Re: [Super_SID] Sun,cause of dramatic change,subject of research

Yahoo group: Super_SID
Date: 2011-02-21 21:33:47 UTC
From: Nicholas Gross
Topic: 443 Message: 445
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Divyadarshan,
Thanks so much for all the work you do around the SID monitors and exploring space weather.
The Feb. 15th flare was indeed a major flare and launched a CME
This is shown most dramatically in this video from the Solar Dynamic Observatory team.
http://sdo.gsfc.nasa.gov/gallery/potw.php?v=item&id=42

The flare itself caused some radio blackouts on the day side of the Earth for several hours as reported by the Space Weather Prediction Center (http://www.swpc.noaa.gov/). Keep in mind that these radio blackouts have to do with changes in the atmosphere at 100 km altitude and so do not impact surface weather systems that at less then 10 km.

The CME was traveling at about 500 km/s arrived early on the 18th. You can see that in the attached plot with the sudden jump in solar wind speed (yellow plot) and the strong variations in the magnetic field (red and white plots on top).

This had strong affect on the Earth's magnetic field and radiation belts
http://www.swpc.noaa.gov/ftpdir/plots/satenv/20110219_satenv.gif

Giving rise to some dramatic aurora.
http://www.spaceweather.com/aurora/gallery_01feb11_page3.htm

I would like to say thought that it is extremely unlikely that local weather conditions were a affected by this event. The X-Ray flux of the Sun is only a very small component of the total solar output and even large variations in the X-Ray output do not impact the amount of energy reaching the Earth. Even with the changes in output over a solar cycle it is very hard to see the affect on global climate. See the page on climate change at the Stanford Solar Center
http://solar-center.stanford.edu/sun-on-earth/glob-warm.html

One of the challenges with studying and discussing global climate change is that there is no direct effect, and no one storm or even a single year can really tell the story.

Hope this helps.

Nick

On 2/21/11 5:32 AM, DIVYADARSHAN PUROHIT wrote:
>
>
>

>
> *Dear Friends,*
> **
> *As we all are aware about the X2.2 flares on 15th of Feb.It cause
> radio block out in southern china & western pacific ocean.But as I was
> firmly believe it shows a sudden dramatic change in climate of
> India.Delhi & Nagpur had seen heavy rainfall yesterday,while in my
> state Gujarat & Vadodara City we are observing unexpected cold for
> last 36 hrs.This was also during 2001-02 ,I am sure that Global
> warming has the main role in climate change but Sun has also not least.*
> **
> *As per my research data & experience sudden changes in any stage of
> Sun,solar max or min shows sudden dramatic change on earth related to
> human behaviour,mental imbalance,communal riot,earth quack,political
> changes.Some 40 to 60 % of extra ordinary revolution,political
> movements,good Or bad things happens in this duration.Natural
> disaster,sudden change in mental balance,milk producing capacity of
> animal,under ground water level ,human body -organs-cells-mind are
> adversely & cruelly effected by the sun anger,i.e.behaviour of the Sun.*
> **
> *According to my Divine master /Yugrishi Pt.Shri Ram Sharma Acharyaji/
> ,{who inspired me to observe the sun behaviour in 1978 & so my
> observatory is named after them/,/**/}"SURYA ATMAA
> JAGATASTUSHA"(RIGWEDA)/ ,sun is soul of our solar system & _any
> changes in it directly effects on the whole solar system & at the end
> of & some times beyond the Heliosphere._*
> **
> *No doubt these are the fields of experience,experiments & personal
> belief ,but I strongly suggest that we should think on this side
> also,try to collect as many data's,proofs so we can not change the sun
> but try to make our body-mind to be strong during this would be storms
> & like that for another things.*
> **
> *Please think on this,it will give a new concept to the vision of sun
> observation & will be beneficiary for earth & our new generation.*
> **
> *I have also one proved religious remedy which is strongly
> recommended to experience to Balance the inner dynamo of the sun,but
> we will discuss this hot issue later on.*
> *with best regards,
> --
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
> *
>
>
>
>

>

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

446. Re: [Super_SID] Sun,cause of dramatic change,subject of research [1 Attachment]

Yahoo group: Super_SID
Date: 2011-02-22 05:31:18 UTC
From: DIVYADARSHAN PUROHIT
Topic: 443 Message: 446

--
Dear Dr.Nicholas Gross,

Thanks for nice words,sharing your bright-scientific vision with various useful link.It will be very much useful.The letter I send to group earlier consist my 30 years of experience with database,so I request to have some look in this hidden side also,we may get some thing new from it.Every new thought fights with existing theory as a of Galilee Galileo & Copernicus but as a scientist we should think on it also,may be we have some new extra ordinary invention.

Pl.keep to guide us.
with regards,

On Tue, Feb 22, 2011 at 3:03 AM, Nicholas Gross <gross@...> wrote:

>
> [Attachment(s)<https://mail.google.com/mail/?ui=2&view=js&name=main,tlist&ver=P15uPipZD3o.en.&am=!TucS1utU_i77BeVhIf8yIqOwsVfgmSzPN1E1vY8k6uuE1rWarEiqD6rCPw&fri#12e4a24bb3bdbf51_TopText>from Nicholas Gross included below]
>
> Dear Divyadarshan,
> Thanks so much for all the work you do around the SID monitors and
> exploring space weather.
> The Feb. 15th flare was indeed a major flare and launched a CME
> This is shown most dramatically in this video from the Solar Dynamic
> Observatory team.
> http://sdo.gsfc.nasa.gov/gallery/potw.php?v=item&id=42
>
> The flare itself caused some radio blackouts on the day side of the Earth
> for several hours as reported by the Space Weather Prediction Center (
> http://www.swpc.noaa.gov/). Keep in mind that these radio blackouts have
> to do with changes in the atmosphere at 100 km altitude and so do not impact
> surface weather systems that at less then 10 km.
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> The CME was traveling at about 500 km/s arrived early on the 18th. You can
> see that in the attached plot with the sudden jump in solar wind speed
> (yellow plot) and the strong variations in the magnetic field (red and white
> plots on top).
>
> This had strong affect on the Earth's magnetic field and radiation belts
> http://www.swpc.noaa.gov/ftpdir/plots/satenv/20110219_satenv.gif
>
> Giving rise to some dramatic aurora.
> http://www.spaceweather.com/aurora/gallery_01feb11_page3.htm

>
> I would like to say thought that it is extremely unlikely that local
> weather conditions were a affected by this event. The X-Ray flux of the Sun
> is only a very small component of the total solar output and even large
> variations in the X-Ray output do not impact the amount of energy reaching
> the Earth. Even with the changes in output over a solar cycle it is very
> hard to see the affect on global climate. See the page on climate change at
> the Stanford Solar Center
> http://solar-center.stanford.edu/sun-on-earth/glob-warm.html
>
> One of the challenges with studying and discussing global climate change is
> that there is no direct effect, and no one storm or even a single year can
> really tell the story.
>
> Hope this helps.
>
> Nick
>
>
> On 2/21/11 5:32 AM, DIVYADARSHAN PUROHIT wrote:
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>
> *Dear Friends,*
> **
> *As we all are aware about the X2.2 flares on 15th of Feb.It cause radio
> block out in southern china & western pacific ocean.But as I was firmly
> believe it shows a sudden dramatic change in climate of India.Delhi & Nagpur
> had seen heavy rainfall yesterday,while in my state Gujarat & Vadodara City
> we are observing unexpected cold for last 36 hrs.This was also during
> 2001-02 ,I am sure that Global warming has the main role in climate change
> but Sun has also not least.*
> **
> *As per my research data & experience sudden changes in any stage of
> Sun,solar max or min shows sudden dramatic change on earth related to
> human behaviour,mental imbalance,communal riot,earth quack,political
> changes.Some 40 to 60 % of extra ordinary revolution,political
> movements,good Or bad things happens in this duration.Natural
> disaster,sudden change in mental balance,milk producing capacity of
> animal,under ground water level ,human body -organs-cells-mind are
> adversely & cruelly effected by the sun anger,i.e.behaviour of the Sun.*
> **
> *According to my Divine master Yugrishi Pt.Shri Ram Sharma Acharyaji ,{who
> inspired me to observe the sun behaviour in 1978 & so my observatory is
> named after them,**}"SURYA ATMAA JAGATASTUSHA"(RIGWEDA) ,sun is soul of
> our solar system & any changes in it directly effects on the whole solar
> system & at the end of & some times beyond the Heliosphere.*
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> *No doubt these are the fields of experience,experiments & personal belief
> ,but I strongly suggest that we should think on this side also,try to

> collect as many data's,proofs so we can not change the sun but try to make
> our body-mind to be strong during this would be storms & like that for
> another things.*
> **
> *Please think on this,it will give a new concept to the vision of sun
> observation & will be beneficiary for earth & our new generation.*
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> *I have also one proved religious remedy which is strongly recommended to
> experience to Balance the inner dynamo of the sun,but we will discuss this
> hot issue later on.*
>
> *with best regards,
> --
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
> *
>
>
>
>
> --
> Nicholas Gross, Ph.D.
> co-Director for Education
> Center for Integrated Space Weather Modeling
> Astronomy Department, Boston Universitygross@...
> 617-358-3245
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

447. LINK OF AAJTAK- SOLAR

Yahoo group: Super_SID
Date: 2011-02-23 12:41:17 UTC
From: DIVYADARSHAN PUROHIT
Topic: 447 Message: 447

Dear Friends ,

I have send the link of my interview & Solar weather from the Aajtak news-One of the famous & prominent national news channel of India-.Hope you will enjoy the same.

http://aajtak.intoday.in/videosection.php/videos/karyakramsubsec/51169/1/7/Solar-storm-is-dangerous-for-China.html
with regards,
DDPurohit

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

448. 10KHZ in the end is that the VLF site?

Yahoo group: Super_SID
Date: 2011-02-23 14:12:16 UTC
From: gz510055
Topic: 448 Message: 448

Dear Friends

10KHZ in the end is that the VLF site?

14.5KHz our site detected.
I do not know whether it is a laptop computer electronic transformer interference.
I've seen electronic transformer 14.47KHz of crystal oscillators.

From Guangzhou, China
23/02/2011 Liu Zhengzhong

449. About Feb. 24th around 0730 UT

Yahoo group: Super_SID
Date: 2011-02-25 07:03:27 UTC
From: gz510055
Topic: 449 Message: 449

Our China-13 SID Station detected (Feb. 24th around 0730 UT) VLF detection curve.
http://www.epmax.com/article/UploadPic/2011-2/201122513251243653.png
The many of VLF station signal curve.

25/02/2011 Guangzhou Liu Zhenzhong

450. RE: [Super_SID] About Feb. 24th around 0730 UT

Yahoo group: Super_SID
Date: 2011-02-25 13:40:46 UTC
From: Dave Benham
Topic: 449 Message: 450

Hi,

Your link did not work for me.

However, here are a few sites that show the M 3.5 class flare which should confirm your finding. Your time is correct for it.

http://www.swpc.noaa.gov/rt_plots/xray_5m.html
http://www.swpc.noaa.gov/ftpdir/indices/events/20110224events.txt
http://swaves.gsfc.nasa.gov/cgi-bin/wimp.pl?date=20110223
<http://swaves.gsfc.nasa.gov/cgi-bin/wimp.pl?date=20110223&do=Next&plot=new-s-waves-ds-c-s> &do=Next&plot=new-s-waves-ds-c-s

Dave
McMath-Hulbert Solar Observatory
Lake Angelus, Michigan

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of gz510055
Sent: Friday, February 25, 2011 2:03 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] About Feb. 24th around 0730 UT

Our China-13 SID Station detected (Feb. 24th around 0730 UT) VLF detection curve.
http://www.epmax.com/article/UploadPic/2011-2/201122513251243653.png
The many of VLF station signal curve.

25/02/2011 Guangzhou Liu Zhenzhong

451. Re: [Super_SID] About Feb. 24th around 0730 UT

Yahoo group: Super_SID
Date: 2011-02-25 16:18:42 UTC
From: Nicholas Gross
Topic: 449 Message: 451
Attachments: 1 described; binary payloads are missing from this source WARC

This event was due to an active region on the west limb that is about to
rotate into view. You can see a couple of big active regions in the
STEREO behind view which is now looking at the Sun from a 90 degree
angle to our view. These will come into view in the next few days.
Keep and eye out for more flares. :)
Nick

On 2/25/11 8:40 AM, Dave Benham wrote:
>
>
> Hi,
>
> Your link did not work for me.
>
> However, here are a few sites that show the M 3.5 class flare which
> should confirm your finding.Your time is correct for it.
>
> http://www.swpc.noaa.gov/rt_plots/xray_5m.html
>
> http://www.swpc.noaa.gov/ftpdir/indices/events/20110224events.txt
>
>
http://swaves.gsfc.nasa.gov/cgi-bin/wimp.pl?date=20110223&do=Next&plot=new-s-waves-ds-c-s
> <http://swaves.gsfc.nasa.gov/cgi-bin/wimp.pl?date=20110223&do=Next&plot=new-s-waves-ds-c
-s>
>
> Dave
>
> McMath-Hulbert Solar Observatory
>
> Lake Angelus, Michigan
>
> ---
>
> *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *On Behalf Of *gz510055
> *Sent:* Friday, February 25, 2011 2:03 AM
> *To:* Super_SID@yahoogroups.com
> *Subject:* [Super_SID] About Feb. 24th around 0730 UT
>
> Our China-13 SID Station detected (Feb. 24th around 0730 UT) VLF
> detection curve.
> http://www.epmax.com/article/UploadPic/2011-2/201122513251243653.png
> The many of VLF station signal curve.

>
> 25/02/2011 Guangzhou Liu Zhenzhong
>
>
>
>

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

452. Re: About Feb. 24th around 0730 UT

Yahoo group: Super_SID
Date: 2011-02-25 17:47:19 UTC
From: gz510055
Topic: 449 Message: 452

China-13 SID Stat detection curve and <swaves.gsfc.nasa.gov> New STEREO / WAVES Daily Summary Plot - color & status for 2011-02-24 (055) Comparison Chart

http://swaves.gsfc.nasa.gov/cgi-bin/wimp.pl?date=20110223&do=Next&plot=new-s-waves-ds-c-s

http://www.epmax.com/article/UploadPic/2011-2/20112261193431563.jpg

We use the front three SID locating time.
We detected individual VLF site appears SID.

Guangzhou China-13
Liu Zhenzhong

--- In Super_SID@yahoogroups.com, "Dave Benham" <dad@...> wrote:
>
> Hi,
>
> Your link did not work for me.
>
> However, here are a few sites that show the M 3.5 class flare which should
> confirm your finding. Your time is correct for it.
>
> http://www.swpc.noaa.gov/rt_plots/xray_5m.html
> http://www.swpc.noaa.gov/ftpdir/indices/events/20110224events.txt
> http://swaves.gsfc.nasa.gov/cgi-bin/wimp.pl?date=20110223
> <http://swaves.gsfc.nasa.gov/cgi-bin/wimp.pl?date=20110223&do=Next&plot=new-
> s-waves-ds-c-s> &do=Next&plot=new-s-waves-ds-c-s
>
> Dave
> McMath-Hulbert Solar Observatory
> Lake Angelus, Michigan
>
> _____
>
> From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf
> Of gz510055
> Sent: Friday, February 25, 2011 2:03 AM
> To: Super_SID@yahoogroups.com
> Subject: [Super_SID] About Feb. 24th around 0730 UT
>
>
>
> Our China-13 SID Station detected (Feb. 24th around 0730 UT) VLF detection
> curve.
> http://www.epmax.com/article/UploadPic/2011-2/201122513251243653.png
> The many of VLF station signal curve.
>

> 25/02/2011 Guangzhou Liu Zhenzhong
>

453. Re: [awesome] Fwd: Re: Need help!!

Yahoo group: Super_SID
Date: 2011-02-25 21:07:35 UTC
From: Deborah Scherrer
Topic: 453 Message: 453

Hello Igor,

This is an interesting question that Stanford has not addressed. But there may be others who are interested in exploring it with you. I suggest you bring up the issue at the SARA Super_SID yahoo group. They may have some suggestions.

Also, SARA has set up a committee to look into issues that relate to enhancing the source code of the SID monitors. They also make suggestions on potential changes to the data browser. They may be interested in working with you as well.

I've copied both these groups above. Hope you can get a good discussion going!

Deborah

On 2/22/2011 3:57 AM, Di Cataldo Igor wrote:
Thanks a lot Deborah, sorry to bother you again, I'm looking for a method to obtain the net VLF signal amplitude during long periods(years) and so I would ask you if there is a method to subtract the transmitter direct signal from ionospheric reflected signal. I see many variations in transmitters signal power during years and I would like to eliminate these changes to see if there is a correlation between ionospheric reflection power and solar activity .

Igor

454. practical astronomy at your mouse click

Yahoo group: Super_SID
Date: 2011-02-26 09:05:44 UTC
From: DIVYADARSHAN PUROHIT
Topic: 454 Message: 454

* *
* *
Dear Friends,
**
Mr.Kevin Brown is a well known astronomer,cosmologist,publisher.He web cast an e magazine ,one of its own kind in the field of practical astronomy.I am a regular reader of the magazine for last 2 years,His work helps thousands of space enthusiast like me globally,He also invites astro photographers,science writers,space enthusiast to give articles & pictures in his world famous magazine.
* *
Here is a link for a "solar eclipse special issue" of February 2011.
**
* **http://practicalastronomy.com/* <http://practicalastronomy.com/>* *
**
There you will see a special request from me with the reach articles & pictures of solar eclipse from renowned cosmologists .I am sure that you will like the same.If possible ,kindly do forward the link to all your friends.
**
*with best regards,
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
*

455. VLF long period analisys

Yahoo group: Super_SID
Date: 2011-02-28 13:33:07 UTC
From: igordicataldo
Topic: 455 Message: 455

I'm looking for a method to obtain the net VLF signal amplitude during long periods(years) and so I would ask you if there is a method to subtract the transmitter direct signal from ionospheric reflected signal. I see many variations in transmitters signal power during years and I would like to eliminate these changes to see if there is a correlation between ionospheric reflection power and solar activity .

457. Re: [Super_SID] 10KHZ in the end is that the VLF site?

Yahoo group: Super_SID
Date: 2011-02-28 20:18:49 UTC
From: WILLIAM & MELINDA LORD
Topic: 448 Message: 457

Here is a site that has some of the VLF sites and frequencies
http://www.smeter.net/stations/vlf-stations.php
You can also look in the back of the SuperSID or SIDMON manual and find stations and their power.

Yes, you could be picking up noise from your laptop transformer. If you can try your SuperSID on another computer, you might be able to see if the signal is still there or if it goes away.

We have another group set up to identify noise and try to reduce the effects
http://tech.groups.yahoo.com/group/VLF_Noise_Red/ You are welcomed to join and share.

Bill & Melinda Lord
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 2/23/11, gz510055 <gz510055@...> wrote:

From: gz510055 <gz510055@...>
Subject: [Super_SID] 10KHZ in the end is that the VLF site?
To: Super_SID@yahoogroups.com
Date: Wednesday, February 23, 2011, 8:12 AM

Dear Friends

10KHZ in the end is that the VLF site?

14.5KHz our site detected.
I do not know whether it is a laptop computer electronic transformer interference.
I've seen electronic transformer 14.47KHz of crystal oscillators.

From Guangzhou, China
23/02/2011 Liu Zhengzhong

458. Fwd: [Aavso-sid-list] Newbie SID Questions

Yahoo group: Super_SID
Date: 2011-02-28 23:03:51 UTC
From: Deborah Scherrer
Topic: 458 Message: 458

-------- Original Message --------

Subject:

[Aavso-sid-list] Newbie SID Questions

Date:

Mon, 28 Feb 2011 15:53:07 -0700

From:

JAMES P. RYBAK

To:

AAVSO

Last Friday I received my SuperSID receiver and got it set up. I don't have my loop antenna built yet so I am using a coax-fed Windom antenna designed for 40 through 10 meters. (A Windom is a modified dipole.)

At first I was having problems with a comb-like SuperSID display wherein I had sharp peaks spaced about every 6 kHz or so. This pretty much wiped out the signals I was looking for. I guess that these peaks in the FFT display are due to some local interference, at present still unidentified. The interesting part is how I got rid of them.

The coax coming in from the Windom is terminated with a PL-259 male connector. Not having the right adapter to go directly to a BNC cable, I had to resort to a kluge-type arrangement. I used a coax tee which has two SO-239 female arms and one PL-259 male arm. The coax from the Windom goes into one of the SO-239 arms and into the other SO-239 arm is an adapter which essentially is a PL-259 plug on one end and a female BNC on the other end. From that, I run a BNC cable to the SuperSID preamp.

In the process of trying to figure out how to get rid of the 6 kHz spaced peaks, I deliberately shorted out the center conductor of the third arm of the tee to ground just to see what would happen. Viola! The 6 kHz spikes disappeared and the peaks for the VLF stations (NPM, NAA, NLK, NML) appeared on my display. Everything works fine as long as I keep the short-circuit in place. As far as I can determine, this is an honest-to-goodness, zero ohm short-circuit. Yea, I know, an honest-to-goodness zero ohm short-circuit should short all the signals to ground and I shouldn't see any signals on my SuperSID output display. Can anyone explain what is going on?

In addition to the VLF transmitters that I have mentioned, I also am seeing what looks like strong transmitter signals at about 10.0, 16.1, 36.0, 39.0 and 40.0 kHz. Does anyone have an explanation for these?

Finally, I would like to plot the data accumulated by the SuperSID and then stored in an Excel spreadsheet. Does anyone know of a program available which does that? Alternatively, I guess I'll have to sit down with an Excel manual and learn how to do plot from within Excel.

Thanks for any help you can provide.

Jim Rybak
Grand Junction, CO

_____
Aavso-sid-list mailing list
Aavso-sid-list@...
http://mira.aavso.org/mailman/listinfo/aavso-sid-list

459. Fwd: Re: [Aavso-sid-list] Newbie SID Questions

Yahoo group: Super_SID
Date: 2011-03-01 00:13:57 UTC
From: Deborah Scherrer
Topic: 459 Message: 459

-------- Original Message --------

Subject:

Re: [Aavso-sid-list] Newbie SID Questions

Date:

Mon, 28 Feb 2011 15:43:21 -0800

From:

Dave McAllister

To:

CC:

aavso-sid-list@...

Jim:

Thanks for the great message.

I think I may be able to explain your positive results with the shorted coax to the windom. By shorting the coax, you create what is essentially a Marconi "T", in other words a single-conductor vertical antenna with a very large capacitive hat, which provides very good results at low frequencies. I have a remote monitoring site (family cabin) where I set up essentially the same receiving system with a 100-metre long, 30-metre high Marconi over a salt water ground, and it is unbelievably sensitive.

I'm curious, what sort of system ground are you using? If you are not using one at present, then using one would likely result in even better results, particularly in terms of noise pickup.

I should emphasize that I am a ham radio operator and avid antenna experimenter, but in no way am I an electrical engineer or even an antenna expert.

Best of luck,

Dave
VE7HUN

-----Original Message-----
From: JAMES P. RYBAK
Sent: Monday, February 28, 2011 2:53 PM
To: AAVSO

Subject: [Aavso-sid-list] Newbie SID Questions

Last Friday I received my SuperSID receiver and got it set up. I don't have my loop antenna built yet so I am using a coax-fed Windom antenna designed for 40 through 10 meters. (A Windom is a modified dipole.)

At first I was having problems with a comb-like SuperSID display wherein I had sharp peaks spaced about every 6 kHz or so. This pretty much wiped out the signals I was looking for. I guess that these peaks in the FFT display are due to some local interference, at present still unidentified. The interesting part is how I got rid of them.

The coax coming in from the Windom is terminated with a PL-259 male connector. Not having the right adapter to go directly to a BNC cable, I had to resort to a kluge-type arrangement. I used a coax tee which has two SO-239 female arms and one PL-259 male arm. The coax from the Windom goes into one of the SO-239 arms and into the other SO-239 arm is an adapter which essentially is a PL-259 plug on one end and a female BNC on the other end. From that, I run a BNC cable to the SuperSID preamp.

In the process of trying to figure out how to get rid of the 6 kHz spaced peaks, I deliberately shorted out the center conductor of the third arm of the tee to ground just to see what would happen. Viola! The 6 kHz spikes disappeared and the peaks for the VLF stations (NPM, NAA, NLK, NML) appeared on my display. Everything works fine as long as I keep the short-circuit in place. As far as I can determine, this is an honest-to-goodness, zero ohm short-circuit. Yea, I know, an honest-to-goodness zero ohm short-circuit should short all the signals to ground and I shouldn't see any signals on my SuperSID output display. Can anyone explain what is going on?

In addition to the VLF transmitters that I have mentioned, I also am seeing what looks like strong transmitter signals at about 10.0, 16.1, 36.0, 39.0 and 40.0 kHz. Does anyone have an explanation for these?

Finally, I would like to plot the data accumulated by the SuperSID and then stored in an Excel spreadsheet. Does anyone know of a program available which does that? Alternatively, I guess I'll have to sit down with an Excel manual and learn how to do plot from within Excel.

Thanks for any help you can provide.

Jim Rybak
Grand Junction, CO

_____
Aavso-sid-list mailing list
Aavso-sid-list@...
http://mira.aavso.org/mailman/listinfo/aavso-sid-list

_____
Aavso-sid-list mailing list
Aavso-sid-list@...

http://mira.aavso.org/mailman/listinfo/aavso-sid-list

460. Re: [Super_SID] SuperSid Software

Yahoo group: Super_SID
Date: 2011-03-01 01:12:35 UTC
From: WILLIAM & MELINDA LORD
Topic: 456 Message: 460

Hi Bob,
When you save buffer, this information can be found in a csv file in the SuperSID Data folder called Current Buffers. You can open Excel and plot or you can open SuperSID, click on Plot in the top left and select this file. Keep in mind, the file saves 24 hours UT.
If you open the csv file in Excel, you might see a lot of zeros, but keep scrolling down (there are over 17,000 rows) and you will see data.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Mon, 2/28/11, bob.terrill <bob.terrill@...> wrote:

From: bob.terrill <bob.terrill@...>
Subject: [Super_SID] SuperSid Software
To: Super_SID@yahoogroups.com
Date: Monday, February 28, 2011, 12:42 AM

Hi there guys. I'm new to this software and have a question please.
If I click on "File" and then "Save Buffer" I then assume that the data would be saved into a Data file ready for processing but that doesn't seem to happen. Could someone comment please. Regards, Bob

461. Fwd: MOON & VENUS PLAYING IN THE SKY,कुदरत का करश्मिा

Yahoo group: Super_SID
Date: 2011-03-01 10:02:42 UTC
From: DIVYADARSHAN PUROHIT
Topic: 461 Message: 461
Attachments: 5 described; binary payloads are missing from this source WARC

आत्मीय मत्रिो,
आज अत्यंत अद्भुत और अनुपम युतआिसमान के ज़रोखे में बड़ी सुबह ,ब्रह्म मुहूर्त
में नज़र आई.यह चन्द्र और शुक्र की केवल १.५ डग्रिी के युतथिी.दोनों अत
तेजस्वी थे और इतने नजदीक थे की कई सालो में ऐसा होता है.पछिले माह वे ५ डग्रिी
दूर थे आज केवल १.५ और अब ३१/३/२०११ को ३.५ डग्रिी की युतयि दोनों
बनायेंगे.वे इतने तेजस्वी थे की सूर्योदय काल के दौरान भी उन्हें देखा जा सकता
था और उसकी तस्वीर भी खचिी जा सकी थी.
आज सुबह ४:४५ मीनट से करीबन ७:२० तक यह कुदरत का करश्मिा देखा गया.
शुक्र:
१५.८ करोड़ की.मी.पृथ्वी से दूर था, चन्द्र की तरह वो ०.७१४ का फेस (कला) दखि
रहा था और धनु राशी में था.
चन्द्र:
३,९७,९२४ की.मी.पृथ्वी से दूर था,कृष्ण द्वादशी का ०.१२७ फेस का था और धनु राशी
में था.
मेरे द्वारा (दव्यिदर्शन डी पुरोहति) सोनी हेंडी केम से खचिी गयी सुरु की दो
तस्वीर ५:३० ए.ऍम.की जब की अंतमि तस्वीर सूर्योदय काल पर ७:१० ए.ऍम पर खचिी
गयी थी.
जो नहीं देख पाए वे इतनी अच्छी तो नहीं पर ३.५ डग्रिी की दोनों की युत३१
मार्च को सुबह में देख सकते है.
प्रणाम,
दव्यिदर्शन डी पुरोहति
NOTE:
PICTURE BY :DIVYADARSHAN D PUROHIT
COSMOLOGIST,GURUDEV OBSERVATORY,VADODARA

DEAR FRIENDS,
PL.FIND HERE WITH 4 PICTURES OF THE GREATEST CONJUNCTION OF MOON &
VENUS.THEY BOTH WERE AT 1.5DEGREE FROM EACH OTHER ON EARLY MORNING TODAY
BETWEEN 4:45 A.M.TO <http://a.m.to/> 7:20 A.M.THE SENE WAS
MARVELLOUS,PRICELESS,INCREDIBLE,NO WORDS TO EXPRESS THE FEELINGS.
TODAY MOON WAS 3,97.924 K.M.AWAY FROM EARTH WITH 0.127 PHASE ,-7.7 MAGINTUDE
& WAS IN SAGITTERIUS
WHILE VENUS WAS 158 MILLION K.M.FROM EARTH WITH 0.714 PHASE,-4.1 MAGNITUDE &
WAS IN SAGITTERIUS.
HOPE YOU MIGHT HAVE ENJOYED THE SAME IF NOT THEN THERE IS STILL CHANCE TO
WATCH THE SAME,ALTHOUGH NOT THIS MUCH NEARER BUT WITHIN 3.5 DEGREE ON
31/3/2011 IN EARLY MORNIG IN EAST.SO MARK YOUR CALENDER
NOTE:FIRST TWO PICURES WERE TAKEN AT 5:30 AM WHILE 3RD AT 7:10 DURING
TWILIGHT & 4TH SHOWING OBSERVATORY WITH CLEAR TWILIGHT & CONJUCTION AT 7:12
A.M. WITHOUT AID OF TELESCOPE ONLY WITH HELP OF SONY HANDYCAM.
WITH BEST REGARDS,
DDPUROHIT
Divyadarshan D.Purohit
Gurudev Observatory,

Vadodara
India

462. Fwd: Space Weather Outlook

Yahoo group: Super_SID
Date: 2011-03-01 16:46:19 UTC
From: Nicholas Gross
Topic: 462 Message: 462
Attachments: 1 described; binary payloads are missing from this source WARC

Hi everyone,

Here is the SWPC forecast for the next week or so.
There is a large active region rotating into view

http://sdo.gsfc.nasa.gov/assets/img/dailymov/2011/02/28/20110228_1024_0193.mpg

so we should see some interesting events over the next week.

Nick

-------- Original Message --------
Subject: Space Weather Outlook
Date: 1 Mar 2011 15:41:46 +0000
From: SWPC Product Subscription Service <SWPC.Products@...>
To: gross@...

Official Space Weather Advisory issued by NOAA Space Weather Prediction Center
Boulder, Colorado, USA

SPACE WEATHER ADVISORY OUTLOOK #11- 10
2011 March 01 at 8:35 a.m. MST (2011 March 01 1535 UTC)

**** SPACE WEATHER OUTLOOK ****

Summary For February 21-27
No space weather storms were observed.

Outlook For March 2-8
Radio blackouts reaching the R1 (Minor) level are likely. Geomagnetic
storms reaching the G1 (Minor) level are expected.

Data used to provide space weather services are contributed by NOAA,
USAF, NASA, NSF, USGS, the International Space Environment Services
and other observatories, universities, and institutions. More
information is available at SWPC's Web site http://swpc.noaa.gov

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Thank you for using the Product Subscription Service. If you would like
to remove a product subscription or update the personal information in
your account, go to the Product Subscription Site.
<https://pss.swpc.noaa.gov> Please do not use the from address for
correspondence, as it is not monitored. For comments or help, please
contact SWPC Help. <mailto:pss.help@...>

463. Re: [Super_SID] Fwd: Space Weather Outlook

Yahoo group: Super_SID
Date: 2011-03-01 16:51:30 UTC
From: DIVYADARSHAN PUROHIT
Topic: 462 Message: 463

Dear Nicholas Gross,
thanks for sharing the important information.Let us hope that we will get
some strong solar events & observation during the coming days.
regards,
DDPurohit

On Tue, Mar 1, 2011 at 10:16 PM, Nicholas Gross <gross@...> wrote:

>
>
> Hi everyone,
>
> Here is the SWPC forecast for the next week or so.
> There is a large active region rotating into view
>
>
> http://sdo.gsfc.nasa.gov/assets/img/dailymov/2011/02/28/20110228_1024_0193.mpg
>
> so we should see some interesting events over the next week.
>
> Nick
>
> -------- Original Message -------- Subject: Space Weather Outlook Date: 1
> Mar 2011 15:41:46 +0000 From: SWPC Product Subscription Service
> <SWPC.Products@...> <SWPC.Products@...> To: gross@...
>
> Official Space Weather Advisory issued by NOAA Space Weather Prediction Center
> Boulder, Colorado, USA
>
> SPACE WEATHER ADVISORY OUTLOOK #11- 10
> 2011 March 01 at 8:35 a.m. MST (2011 March 01 1535 UTC)
>
> **** SPACE WEATHER OUTLOOK ****
>
> Summary For February 21-27
> No space weather storms were observed.
>
> Outlook For March 2-8
> Radio blackouts reaching the R1 (Minor) level are likely. Geomagnetic
> storms reaching the G1 (Minor) level are expected.
>
> Data used to provide space weather services are contributed by NOAA,
> USAF, NASA, NSF, USGS, the International Space Environment Services
> and other observatories, universities, and institutions. More
> information is available at SWPC's Web site http://swpc.noaa.gov

>
>
> ------------------------------
> Thank you for using the Product Subscription Service. If you would like to
> remove a product subscription or update the personal information in your
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use the from address for correspondence, as it is not
> monitored. For comments or help, please contact SWPC Help.<pss.help@...>
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

464. Re: GNUplot 4.4

Yahoo group: Super_SID
Date: 2011-03-01 17:37:08 UTC
From: jrybak
Topic: 122 Message: 464

Carl,

I'm trying to do the same thing. If you find the script you are looking for, please advise me. I need it, too.

Thanks.

Jim Rybak
Grand Junction, CO

--- In Super_SID@yahoogroups.com, "whswak" <pajakc@...> wrote:
>
> Hello all,
> Carl, WHSAK, Wasilla Alaska.
>
> Just downloaded GNUplot 4.4 for my high school students to use with the SID program. We are using Windows XP SP4 here at the school and I'm trying to streamline a few different plotting programs for them to use. Came across GNUplot 4.4 open-source (keeping inline with Open-office.org), and very few of use are Unix/Linux savvy. Does anyone have a quick and dirty script on converting SID data format to GNUplot plot files? Any help would be GREATLY thanked.
>
> Thanks.
> Carl P
>

465. Re: [Super_SID] Re: GNUplot 4.4

Yahoo group: Super_SID
Date: 2011-03-01 18:22:23 UTC
From: Jaap Akkerhuis
Topic: 122 Message: 465

>
> I'm trying to do the same thing. If you find the script you are looking for, please advise me. I need it, too.
>

I have a Unix shell script (which also uses sed & awk) to plot SID data files. If you want is as inspiration, I'm happy to send it.

jaap

466. Re: [SuperSoft] [awesome] Fwd: Re: Need help!!

Yahoo group: Super_SID
Date: 2011-03-01 21:08:17 UTC
From: Deborah Scherrer
Topic: 466 Message: 466
Attachments: 1 described; binary payloads are missing from this source WARC

I asked Morris about this. He says there is no ground wave far from the transmitter, and even if you’re close, the ground wave and sky waves mix together (you can tell the difference only for short signals like lightning, not a transmitter). He also mentioned that step-like changes (especially with the 5 s time resolution of SID) occur in association with early/fast events, LEPs, gamma bursts, and maybe even a very sudden solar flare, so there’s no reason to assume the transmitter is changing power. Transmitters in fact rarely do change power, at least from what they have seen.

It's unfortunate there are so few written resources on ionospheric science. The major one is "Ionospheric Radio" by Kenneth Davies. However, it's pretty obtuse. Morris did happen to have a copy of a paper that may be useful. I've attached it here for you. Perhaps it'll help.

Debbie

On 2/28/2011 5:02 AM, Romain KIEFFER wrote:

good morning,

If the D layer behaves as advertised, can't we assume that day time amplitudes do represent ground wave amplitudes? Especially in the vicinity of the transmitters and very far away from the transmitters? If that idea holds true then looking for a step increase or decrease at some point, and lasting for a period, would indicate a change in output of the transmitter. I guess it would take the savvy application of mathematical tools to detect such a change, separating base line from environmental influences. But steps to me would indicate power changes, slopes would indicate environment changes.
(I guess calling the station and asking for information would not be a solution :-))

rom

_____
Rom Kieffer, Chief
General Support Section
Division for Management
United Nations Office at Vienna
E-1164
PO Box 500
1400 Vienna
Austria

Tel.: (+43-1) 26060-5681
Mobile: (+43-699) 1459-5681
E-mail: romain.kieffer@...
Website: www.unvienna.org (http://www.unvienna.org)
_____

467. article on recent X-class flare and predictions

Yahoo group: Super_SID
Date: 2011-03-01 21:18:51 UTC
From: Deborah Scherrer
Topic: 467 Message: 467

FIRST X-CLASS FLARE OF CYCLE 24: DID YOU GET IT?Richard Canfield
21 Feb 2011
If you are involved in any way in the observation of solar activity, and do not routinely receive the Max Millennium Message of the Day (MOTD), then subscribe now at http://solar.physics.montana.edu/max_millennium/mmlists.shtml. On February 13th, MOTD subscribers received a heads-up from Max Millennium Chief Observer (MM_CO) Bill Marquette, in the form of a MM Major Flare Watch message. Within half an hour of the issuance of that MOTD, the first of several major flares (M6.6) took place, followed about two days later by the first X-Class flare (X2.2) of Solar Cycle 24. Such flares offer an opportunity to observe the most dramatic high-energy physics and space weather effects. However, for limited field of view instruments, they also demand timely observing target identification, long before the events take place. For all instruments, whatever their field of view, the extreme brightness and rapid rise of such flares demands attention to instrument parameters to avoid detector saturation; the biggest flare of Cycle 23 was more than an order of magnitude brighter!

The active region responsible for the X2.2 flare, NOAA 1158, was first targeted in the MOTD as a rapidly developing Emerging Flux Region four days before the X-Class flare. Looking back at the period 2001-2010, about 75% of all X flares occurred during MM Major Flare Watches called in the MOTD:
seehttp://sprg.ssl.berkeley.edu/~tohban/wiki/index.php/Major_Flare_Watch_Evaluation (http://sprg.ssl.berkeley.edu/%7Etohban/wiki/index.php/Major_Flare_Watch_Evaluation). The current goal of the MM_COs is to call Major Flare Watches whenever there is a good chance for flares at GOES levels > M5 or so. If there is some way that the MOTD can be used or improved to enhance your solar activity observations, whether for a scheduled campaign or on a target-of-opportunity basis, contact me or any of the MM_COs:http://solar.physics.montana.edu/max_millennium/mm_co.shtml.

469. Re: [Super_SID] article on recent X-class flare and predictions

Yahoo group: Super_SID
Date: 2011-03-02 08:24:03 UTC
From: DIVYADARSHAN PUROHIT
Topic: 467 Message: 469

Dear Deborah Scherrer,
Thanks a lot for very useful information & related links which will be
helpful to enhance the knowledge database related to Solar Observation,I
have requested them to enter my name in their email data list.
regards,
DDPurohit
On Wed, Mar 2, 2011 at 2:48 AM, Deborah Scherrer <
dscherrer@...> wrote:

>
>
> FIRST X-CLASS FLARE OF CYCLE 24: DID YOU GET IT?Richard Canfield
> 21 Feb 2011
> If you are involved in any way in the observation of solar activity, and do
> not routinely receive the Max Millennium Message of the Day (MOTD), then
> subscribe now at
> http://solar.physics.montana.edu/max_millennium/mmlists.shtml. On February
> 13th, MOTD subscribers received a heads-up from Max Millennium Chief
> Observer (MM_CO) Bill Marquette, in the form of a MM Major Flare Watch
> message. Within half an hour of the issuance of that MOTD, the first of
> several major flares (M6.6) took place, followed about two days later by the
> first X-Class flare (X2.2) of Solar Cycle 24. Such flares offer an
> opportunity to observe the most dramatic high-energy physics and space
> weather effects. However, for limited field of view instruments, they also
> demand timely observing target identification, long before the events take
> place. For all instruments, whatever their field of view, the extreme
> brightness and rapid rise of such flares demands attention to instrument
> parameters to avoid detector saturation; the biggest flare of Cycle 23 was
> more than an order of magnitude brighter!
>
> The active region responsible for the X2.2 flare, NOAA 1158, was first
> targeted in the MOTD as a rapidly developing Emerging Flux Region four days
> before the X-Class flare. Looking back at the period 2001-2010, about 75% of
> all X flares occurred during MM Major Flare Watches called in the MOTD: see
> http://sprg.ssl.berkeley.edu/~tohban/wiki/index.php/Major_Flare_Watch_Evaluation.
> The current goal of the MM_COs is to call Major Flare Watches whenever there
> is a good chance for flares at GOES levels > M5 or so. If there is some way
> that the MOTD can be used or improved to enhance your solar activity
> observations, whether for a scheduled campaign or on a target-of-opportunity
> basis, contact me or any of the MM_COs:
> http://solar.physics.montana.edu/max_millennium/mm_co.shtml.
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

470. Solar Observation

Yahoo group: Super_SID
Date: 2011-03-03 16:02:06 UTC
From: DIVYADARSHAN PUROHIT
Topic: 470 Message: 470
Attachments: 3 described; binary payloads are missing from this source WARC

Dear Friends,

Today ,I am not sure about but I have observed a Solar like flare,may be M class,on Radio Jove of NASA.I have send you the jpeg,spdfile & sound file to have some clarification.
with regards,
DDPurohit

Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

471. Problem with 48000

Yahoo group: Super_SID
Date: 2011-03-03 07:20:12 UTC
From: jpbolengo
Topic: 471 Message: 471

Hello
I'm using a XP PC. When i set the audio_sampling_rate to 96000 I get a breakdown after 24000. That's because I have an AC97 sound card. But I get no errors. When i set the audio_sampling_rate to 48000 I get errors:

```
Traceback (most recent call last):
File "supersid.py", line 444, in on_timer
File "supersid.py", line 937, in on_timer
File "supersid.py", line 150, in update
IndexError: index out of bounds
```

I've tried this also on a Vista PC. Same effect. May you please help me?
Thank you in advance.
Jean-Pierre

472. Sharing China-13 of data graph

Yahoo group: Super_SID
Date: 2011-03-07 03:51:23 UTC
From: GZ
Topic: 472 Message: 472

Dear Friends
Sharing China-13 of data graph.

STEREO WAVES Data(swaves.gsfc.nasa.gov) and China-13 Site SID curve diagram
03/03/2011_data
http://www.epmax.com/article/UploadPic/2011-3/20113711211469037.jpg

04/03/2011_data
http://www.epmax.com/article/UploadPic/2011-3/20113711214753035.jpg

05/03/2011_data
http://www.epmax.com/article/UploadPic/2011-3/20113711235234382.jpg

From Guangzhou, China
Liu Zhengzhong
07/03/2011

473. Re: Sharing China-13 of data graph

Yahoo group: Super_SID
Date: 2011-03-07 08:13:32 UTC
From: GZ
Topic: 472 Message: 473

To: Dear Friends

Our graph is a curve of 28 VLF sites data£¨10.6kHz and 20kHz and ....to the 45kHz£©
number of stations = 28
call sign = 3SB frequency = 10600
call sign = UVA frequency = 14600
call sign = UIK frequency = 15000
call sign = JXN frequency = 16400
call sign = FTA frequency = 16800
call sign = UFQE frequency = 18100
call sign = VTX3 frequency = 18200
call sign = GBZ frequency = 19600
call sign = UGE frequency = 19700
call sign = NWC frequency = 19800
call sign = VLF frequency = 20000
call sign = ICV frequency = 20270
call sign = 3SA frequency = 20600
call sign = HWU frequency = 20900
call sign = GYA frequency = 21370
call sign = NPM frequency = 21400
call sign = HWV frequency = 21750
call sign = GQD frequency = 22100
call sign = JJI frequency = 22200
call sign = DHO frequency = 23400
call sign = NAA frequency = 24000
call sign = NLK frequency = 24800
call sign = NML/NLM frequency = 25200
call sign = TBB frequency = 26700
call sign = UGKZ frequency = 30300
call sign = NRK frequency = 37500
call sign = NAU frequency = 40750
call sign = NSC frequency = 45900

Our time UTC+8 , The characteristic sunrise and sunset
http://www.epmax.com/article/UploadPic/2011-3/20113715481948656.jpg

Ionosphere plasma oscillation (1MkHz or 100kHz) to decay to the HD sound card can receive our frequency (0kHz to 48kHz). Need one or two time.
http://www.epmax.com/article/UploadPic/2011-3/20113715491298863.jpg

we are studying the use SuperSID the of SIDs (Ionosphere plasma oscillation frequency). These multiple does not appear VLF site signals SIDs.

From Guangzhou , China
Liu Zhengzhong
07/03/2011

--- In Super_SID@yahoogroups.com, "GZ" <gz510055@...> wrote:
>
> Dear Friends
> Sharing China-13 of data graph.
>
> STEREO WAVES Data(swaves.gsfc.nasa.gov) and China-13 Site SID curve diagram
> 03/03/2011_data
> http://www.epmax.com/article/UploadPic/2011-3/20113711211469037.jpg
>
> 04/03/2011_data
> http://www.epmax.com/article/UploadPic/2011-3/20113711214753035.jpg
>
> 05/03/2011_data
> http://www.epmax.com/article/UploadPic/2011-3/20113711235234382.jpg
>
> From Guangzhou, China
> Liu Zhengzhong
> 07/03/2011
>

474. March 7th Solar X-Ray activity

Yahoo group: Super_SID
Date: 2011-03-08 00:15:45 UTC
From: Nicholas Gross
Topic: 474 Message: 474
Attachments: 1 described; binary payloads are missing from this source WARC

X-Ray activity was very high today

http://www.swpc.noaa.gov/today.html#xray

due to several active regions on the Sun

http://sdo.gsfc.nasa.gov/data/

causing radio blackout warnings from NOAA
Space Weather Prediction Center

http://www.swpc.noaa.gov/alerts/archive/current_month.html

Nick Gross

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

475. Re: [Super_SID] March 7th Solar X-Ray activity

Yahoo group: Super_SID
Date: 2011-03-08 00:22:19 UTC
From: W2TAP
Topic: 474 Message: 475

Thanks for update!

Dr Ron Milione

Sent by My iPhone 4 System

On Mar 7, 2011, at 7:15 PM, Nicholas Gross <gross@...> wrote:

> X-Ray activity was very high today
>
> http://www.swpc.noaa.gov/today.html#xray
>
> due to several active regions on the Sun
>
> http://sdo.gsfc.nasa.gov/data/
>
> causing radio blackout warnings from NOAA
> Space Weather Prediction Center
>
> http://www.swpc.noaa.gov/alerts/archive/current_month.html
>
> Nick Gross
>
> --
> Nicholas Gross, Ph.D.
> co-Director for Education
> Center for Integrated Space Weather Modeling
> Astronomy Department, Boston University
> gross@...
> 617-358-3245
>
>
> <gross.vcf>

476. About drift problem of the noise?

Yahoo group: Super_SID
Date: 2011-03-08 14:32:15 UTC
From: GZ
Topic: 476 Message: 476

Dear Friends!

Start SID noise UTC 2011-03-08 8:00:00 to 8:15:00
Frequency: (A) 20kHz to 22kHz; (B) 40kHz to 45kHz. There are two bands of drift.
http://www.epmax.com/article/UploadPic/2011-3/2011381648823429.gif

If this is an ionosphere (plasma oscillation), the frequency wave should be a decay. SID noise should be from the high-frequency to low frequency drift.

Our schools nearby has a Guangzhou Metro test plant.
Our nearby Very large electromagnetic noise important reason.
http://www.epmax.com/article/UploadPic/2011-3/20113715511627524.jpg

From Guangzhou, China
Liu Zhengzhong

477. Re: [Super_SID] March 7th Solar X-Ray activity

Yahoo group: Super_SID
Date: 2011-03-08 05:17:38 UTC
From: Sal Gino
Topic: 474 Message: 477

Hi Ron,

I am new to the Super_SID group and really think it is a great thing for us amateur radio operators to try as an adjuvant to our primary hobby. I am therefore sending the Super_SID link to our local ham radio club newsgroup of the Las Vegas Radio Amateur Radio Club (http://www.lvrac.org/) for their possible interest. I see the great potential for using Super_SID technology for predicting solar storms, HF prop., etc. I'd like to obtain a monitor and then become a mentor.

http://solar-center.stanford.edu/SID/sidmonitor/

Have there been any major changes/advances in the Super_SID monitors since last year?

73's
Sal Giandinoto, Ph.D.
KM6JD

From: W2TAP <w2tap@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Cc: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Mon, March 7, 2011 4:22:19 PM
Subject: Re: [Super_SID] March 7th Solar X-Ray activity

Thanks for update!

Dr Ron Milione

Sent by My iPhone 4 System

On Mar 7, 2011, at 7:15 PM, Nicholas Gross <gross@...> wrote:

>X-Ray activity was very high today
>
>http://www.swpc.noaa.gov/today.html#xray
>
>due to several active regions on the Sun
>
>http://sdo.gsfc.nasa.gov/data/
>
>causing radio blackout warnings from NOAA
>Space Weather Prediction Center
>
>http://www.swpc.noaa.gov/alerts/archive/current_month.html
>

>Nick Gross
>
>--
>Nicholas Gross, Ph.D.
>co-Director for Education
>Center for Integrated Space Weather Modeling
>Astronomy Department, Boston University
>gross@...
>617-358-3245
>
>
<gross.vcf>

478. Re: [Super_SID] March 7th Solar X-Ray activity

Yahoo group: Super_SID
Date: 2011-03-08 16:53:08 UTC
From: WILLIAM & MELINDA LORD
Topic: 474 Message: 478
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Sal,

The SuperSID has not changed since last year. We are attaching an order form if you would like to get a unit.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Mon, 3/7/11, Sal Gino <salgino20@...> wrote:

From: Sal Gino <salgino20@...>
Subject: Re: [Super_SID] March 7th Solar X-Ray activity
To: Super_SID@yahoogroups.com
Cc: lvrac@yahoogroups.com
Date: Monday, March 7, 2011, 11:17 PM

Hi Ron,

I am new to the Super_SID group and really think it is a great thing for us amateur radio operators to try as an adjuvant to our primary hobby. I am therefore sending the Super_SID link to our local ham radio club newsgroup of the Las Vegas Radio Amateur Radio Club (http://www.lvrac.org/) for their possible interest. I see the great potential for using Super_SID technology for predicting solar storms, HF prop., etc. I'd like to obtain a monitor and then become a mentor.

http://solar-center.stanford.edu/SID/sidmonitor/

Have there been any major changes/advances in the Super_SID monitors since last year?

73's
Sal Giandinoto, Ph.D.
KM6JD

From: W2TAP <w2tap@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Cc: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Mon, March 7, 2011 4:22:19 PM
Subject: Re: [Super_SID] March 7th Solar X-Ray activity

Thanks for update!

Dr Ron Milione

Sent by My iPhone 4 System

On Mar 7, 2011, at 7:15 PM, Nicholas Gross <gross@...> wrote:

X-Ray activity was very high today

http://www.swpc.noaa.gov/today.html#xray

due to several active regions on the Sun

http://sdo.gsfc.nasa.gov/data/

causing radio blackout warnings from NOAA
Space Weather Prediction Center

http://www.swpc.noaa.gov/alerts/archive/current_month.html

Nick Gross

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

<gross.vcf>

479. Re: [Super_SID] Problem with 48000

Yahoo group: Super_SID
Date: 2011-03-12 16:01:33 UTC
From: WILLIAM & MELINDA LORD
Topic: 471 Message: 479

Hi Jean-Pierre,

Are you using the line in for the audio input? Have you changed your config file to only collect stations below 22 kHz? We are not the software experts, so not sure if this will help, but it is worth a try. Let us know.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Thu, 3/3/11, jpbolengo <jpbolengo@...> wrote:

From: jpbolengo <jpbolengo@yahoo.com>
Subject: [Super_SID] Problem with 48000
To: Super_SID@yahoogroups.com
Date: Thursday, March 3, 2011, 1:20 AM

Hello
I'm using a XP PC. When i set the audio_sampling_rate to 96000 I get a breakdown after 24000. That's because I have an AC97 sound card. But I get no errors. When i set the audio_sampling_rate to 48000 I get errors:
Traceback (most recent call last):
File "supersid.py", line 444, in on_timer
File "supersid.py", line 937, in on_timer
File "supersid.py", line 150, in update
IndexError: index out of bounds

I've tried this also on a Vista PC. Same effect. May you please help me?
Thank you in advance.
Jean-Pierre

480. Res: [Super_SID] Problem with 48000

Yahoo group: Super_SID
Date: 2011-03-12 22:54:48 UTC
From: Tadeu Fernandes
Topic: 471 Message: 480

Jean-Pierre,

Maybe you get fix this erro making an update for windows Service Pack, you can try the last version on microsoft website.

Tadeu Fernandes

De: WILLIAM & MELINDA LORD <ap_guardian@...>
Para: Super_SID@yahoogroups.com
Enviadas: Sábado, 12 de Março de 2011 13:01:33
Assunto: Re: [Super_SID] Problem with 48000

Hi Jean-Pierre,

Are you using the line in for the audio input? Have you changed your config file to only collect stations below 22 kHz? We are not the software experts, so not sure if this will help, but it is worth a try. Let us know.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Thu, 3/3/11, jpbolengo <jpbolengo@...> wrote:

>From: jpbolengo <jpbolengo@...>
>Subject: [Super_SID] Problem with 48000
>To: Super_SID@yahoogroups.com
>Date: Thursday, March 3, 2011, 1:20 AM
>
>
>
>Hello
>I'm using a XP PC. When i set the audio_sampling_rate to 96000 I get a breakdown
>after 24000. That's because I have an AC97 sound card. But I get no errors. When
>i set the audio_sampling_rate to 48000 I get errors:
>Traceback (most recent call last):
>File "supersid.py", line 444, in on_timer
>File "supersid.py", line 937, in on_timer
>File "supersid.py", line 150, in update
>IndexError: index out of bounds
>
>I've tried this also on a Vista PC. Same effect. May you please help me?
>Thank you in advance.

>Jean-Pierre
>
>

481. satellite images from DLR & NASA

Yahoo group: Super_SID
Date: 2011-03-13 09:07:38 UTC
From: DIVYADARSHAN PUROHIT
Topic: 481 Message: 481
Attachments: 2 described; binary payloads are missing from this source WARC

Dear Friends,
Kindly have a look of satellite images from DLR & NASA regarding devastating earth quack & tsunami in Japan.
Let us pray Almighty for the Japan & people,animal & future of Japan with deep heart.
regards,
DDPurohit

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

482. Re: Res: [Super_SID] Problem with 48000

Yahoo group: Super_SID
Date: 2011-03-13 10:40:14 UTC
From: Jean-pierre Bolengo
Topic: 471 Message: 482

Hello Tadeu
I've bought a SoundBlaster with the ability to collect data at 96000 Hz. So I've solved the problem this way. But thank you for your tips.
It was an onboard sound card with no line-in. But in the software (Windows XP) it was possible to select the line-in. Maybe the on-board line-in was not passed out to the case of the PC.
That was the fault.

Jean-Pierre Bolengo

--- In Super_SID@yahoogroups.com, Tadeu Fernandes <py1kcf@...> wrote:
>
> Jean-Pierre,
>
> Maybe you get fix this erro making an update for windows Service Pack, you can
> try the last version on microsoft website.
>
> Tadeu Fernandes
>
>
>
>
>
>
> _____
> De: WILLIAM & MELINDA LORD <ap_guardian@...>
> Para: Super_SID@yahoogroups.com
> Enviadas: SÃ¡bado, 12 de MarÃ§o de 2011 13:01:33
> Assunto: Re: [Super_SID] Problem with 48000
>
>
> Hi Jean-Pierre,
>
> Are you using the line in for the audio input? Have you changed your config
> file to only collect stations below 22 kHz? We are not the software experts, so
> not sure if this will help, but it is worth a try. Let us know.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you
> hear them speak. :-)
>
> --- On Thu, 3/3/11, jpbolengo <jpbolengo@...> wrote:
>

>
> >From: jpbolengo <jpbolengo@...>
> >Subject: [Super_SID] Problem with 48000
> >To: Super_SID@yahoogroups.com
> >Date: Thursday, March 3, 2011, 1:20 AM
> >
> >
> >
> >Hello
> >I'm using a XP PC. When i set the audio_sampling_rate to 96000 I get a breakdown
> >after 24000. That's because I have an AC97 sound card. But I get no errors. When
> >i set the audio_sampling_rate to 48000 I get errors:
> >Traceback (most recent call last):
> >File "supersid.py", line 444, in on_timer
> >File "supersid.py", line 937, in on_timer
> >File "supersid.py", line 150, in update
> >IndexError: index out of bounds
> >
> >I've tried this also on a Vista PC. Same effect. May you please help me?
> >Thank you in advance.
> >Jean-Pierre
> >
> >
>

483. Re: Problem with 48000

Yahoo group: Super_SID
Date: 2011-03-13 10:42:28 UTC
From: Jean-pierre Bolengo
Topic: 471 Message: 483

Hello Melinda and William
I've bought a SoundBlaster with the ability to collect data at 96000 Hz. So I've solved the problem this way. But thank you for your tips.
It was an onboard sound card with no line-in. But in the software (Windows XP) it was possible to select the line-in. Maybe the on-board line-in was not passed out to the case of the PC.
That was the fault.

Jean-Pierre Bolengo

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
>
>
>
>
>
> Hi Jean-Pierre,
> Â
> Are you using the line in for the audio input?Â Have you changed your config file to only collect stations below 22 kHz?Â We are not the software experts, so not sure if this will help, but it is worth a try.Â Let us know.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Thu, 3/3/11, jpbolengo <jpbolengo@...> wrote:
>
>
>
> From: jpbolengo <jpbolengo@...>
> Subject: [Super_SID] Problem with 48000
> To: Super_SID@yahoogroups.com
> Date: Thursday, March 3, 2011, 1:20 AM
>
>
>
> Â
>
>
>
> Hello
> I'm using a XP PC. When i set the audio_sampling_rate to 96000 I get a breakdown after

24000. That's because I have an AC97 sound card. But I get no errors. When i set the audio_sampling_rate to 48000 I get errors:
> Traceback (most recent call last):
> File "supersid.py", line 444, in on_timer
> File "supersid.py", line 937, in on_timer
> File "supersid.py", line 150, in update
> IndexError: index out of bounds
>
> I've tried this also on a Vista PC. Same effect. May you please help me?
> Thank you in advance.
> Jean-Pierre
>

484. Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-03-13 11:32:53 UTC
From: Jean-pierre Bolengo
Topic: 484 Message: 484

Hello
I've been collecting data since a halfe week. My strange signal is much higher during daytime than during nighttime. Have you any idee?
Jean-Pierre

485. Re: [Super_SID] Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-03-13 14:37:22 UTC
From: WILLIAM & MELINDA LORD
Topic: 484 Message: 485

Hi Jean-Pierre,
Can you post or send us a screen shot of your spectrum as you collect data and one of your plots?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

From: Jean-pierre Bolengo <jpbolengo@...>
Subject: [Super_SID] Strange Signal (Newbee in Europe)
To: Super_SID@yahoogroups.com
Date: Sunday, March 13, 2011, 6:32 AM

Hello
I've been collecting data since a halfe week. My strange signal is much higher during daytime than during nighttime. Have you any idee?
Jean-Pierre

486. Re: [Super_SID] Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-03-13 18:11:41 UTC
From: Jean-pierre Bolengo
Topic: 484 Message: 486
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Bill and Melinda
I've found out, that after Sunset I get interfrences every 5kHz. Have you any idea, what kind of source that can be?
Attached an actuel screenshot.

From: WILLIAM & MELINDA LORD <ap_guardian@...>
To: Super_SID@yahoogroups.com
Sent: Sun, March 13, 2011 3:37:22 PM
Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)

Hi Jean-Pierre,
Can you post or send us a screen shot of your spectrum as you collect data and one of your plots?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

>From: Jean-pierre Bolengo <jpbolengo@...>
>Subject: [Super_SID] Strange Signal (Newbee in Europe)
>To: Super_SID@yahoogroups.com
>Date: Sunday, March 13, 2011, 6:32 AM
>
>
>
>Hello
>I've been collecting data since a halfe week. My strange signal is much higher
>during daytime than during nighttime. Have you any idee?
>Jean-Pierre
>
>

487. Re: [Super_SID] Strange Signal (Newbee in Europe) [1 Attachment]

Yahoo group: Super_SID
Date: 2011-03-13 19:12:24 UTC
From: WILLIAM & MELINDA LORD
Topic: 484 Message: 487

Since we can not detect SID's after sunset, we are usually not too concerned about the night time signal. You can add a couple of these frequencies to your config file, give them call _sign of test1 and test2. Then plot them and see if you can tell where the signal is coming from by the time of day or night they peak.

Lots of things can give off radio frequencies (RF) that are "noise" to the SuperSID- fluorescent lights, dimmer switches, power equipment, generators, microwaves, just to name a few. Sometimes equipment that never was a problem starts to go bad electronically before it stops working and in the meantime it puts out RF noise.

If you have electronic equipment near the antenna, try shutting one piece off at a time and then watch your spectrum to see if there is a change. NOTE- the SuperSID lags in displaying changes by 10 to 20 seconds, so give it time to settle.

We have a group set up to discuss VLF noise issues. You can join this by going to http://tech.groups.yahoo.com/group/VLF_Noise_Red/

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

From: Jean-pierre Bolengo <jpbolengo@...>
Subject: Re: [Super_SID] Strange Signal (Newbee in Europe) [1 Attachment]
To: Super_SID@yahoogroups.com
Date: Sunday, March 13, 2011, 1:11 PM

[Attachment(s) from Jean-pierre Bolengo included below]

Hi Bill and Melinda
I've found out, that after Sunset I get interfrences every 5kHz. Have you any idea, what kind of source that can be?
Attached an actuel screenshot.

From: WILLIAM & MELINDA LORD <ap_guardian@yahoo.com>
To: Super_SID@yahoogroups.com
Sent: Sun, March 13, 2011 3:37:22 PM
Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)

Hi Jean-Pierre,
Can you post or send us a screen shot of your spectrum as you collect data and one of your plots?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

From: Jean-pierre Bolengo <jpbolengo@...>
Subject: [Super_SID] Strange Signal (Newbee in Europe)
To: Super_SID@yahoogroups.com
Date: Sunday, March 13, 2011, 6:32 AM

Hello
I've been collecting data since a halfe week. My strange signal is much higher during daytime than during nighttime. Have you any idee?
Jean-Pierre

488. Re: Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-03-14 09:50:00 UTC
From: pmcculey
Topic: 484 Message: 488

Do you have access to an oscilloscope? If so, look for a 5KHz oscillation at your antenna input. (you will need to keep your antenna connected to the SID preamp I'd say.)

I've seen this sort of thing before at higher (MHz) frequencies in a different type of radio system operating in the 45-870 MHz range. In that case the spectra were similar to yours with peaks across the frequency range offset by 5 MHz exactly. Turned out to be caused by a 5MHz oscillation in the system preamp which was overdriving the input amplifier of the receiver.

Joe

--- In Super_SID@yahoogroups.com, Jean-pierre Bolengo <jpbolengo@...> wrote:
>
> Hi Bill and Melinda
> I've found out, that after Sunset I get interfrences every 5kHz. Have you any
> idea, what kind of source that can be?
> Attached an actuel screenshot.
>
>
>
>
>
> _____
> From: WILLIAM & MELINDA LORD <ap_guardian@...>
> To: Super_SID@yahoogroups.com
> Sent: Sun, March 13, 2011 3:37:22 PM
> Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)
>
>
> Hi Jean-Pierre,
> Can you post or send us a screen shot of your spectrum as you collect data and
> one of your plots?
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you
> hear them speak. :-)
>
> --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:
>
>
> >From: Jean-pierre Bolengo <jpbolengo@...>
> >Subject: [Super_SID] Strange Signal (Newbee in Europe)
> >To: Super_SID@yahoogroups.com

> >Date: Sunday, March 13, 2011, 6:32 AM
> >
> >
> >
> >Hello
> >I've been collecting data since a halfe week. My strange signal is much higher
> >during daytime than during nighttime. Have you any idee?
> >Jean-Pierre
> >
> >
>

489. Re: Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-03-14 11:38:16 UTC
From: Jean-pierre Bolengo
Topic: 484 Message: 489

Hello Joe
I've disconnected the antenna and the 5kHz-steps disapeared. A neighbour told me, that it can be the city lights?

Thanks for your tip
Jean-Pierre

--- In Super_SID@yahoogroups.com, "pmcculey" <joe.mccauley@...> wrote:
>
> Do you have access to an oscilloscope? If so, look for a 5KHz oscillation at your antenna input. (you will need to keep your antenna connected to the SID preamp I'd say.)
>
> I've seen this sort of thing before at higher (MHz) frequencies in a different type of radio system operating in the 45-870 MHz range. In that case the spectra were similar to yours with peaks across the frequency range offset by 5 MHz exactly. Turned out to be caused by a 5MHz oscillation in the system preamp which was overdriving the input amplifier of the receiver.
>
> Joe
>
> --- In Super_SID@...m, Jean-pierre Bolengo <jpbolengo@> wrote:
> >
> > Hi Bill and Melinda
> > I've found out, that after Sunset I get interfrences every 5kHz. Have you any
> > idea, what kind of source that can be?
> > Attached an actuel screenshot.
> >
> >
> >
> >
> >
> > _____
> > From: WILLIAM & MELINDA LORD <ap_guardian@>
> > To: Super_SID@yahoogroups.com
> > Sent: Sun, March 13, 2011 3:37:22 PM
> > Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)
> >
> >
> > Hi Jean-Pierre,
> > Can you post or send us a screen shot of your spectrum as you collect data and
> > one of your plots?
> >
> > Bill & Melinda Lord
> > www.tnSkyNet.com
> > www.radio-astronomy.org

> >
> > Light travels faster than sound. This is why some people appear bright until you
> > hear them speak. :-)
> >
> > --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@> wrote:
> >
> >
> > >From: Jean-pierre Bolengo <jpbolengo@>
> > >Subject: [Super_SID] Strange Signal (Newbee in Europe)
> > >To: Super_SID@yahoogroups.com
> > >Date: Sunday, March 13, 2011, 6:32 AM
> > >
> > >
> > >
> > >Hello
> > >I've been collecting data since a halfe week. My strange signal is much higher
> > >during daytime than during nighttime. Have you any idee?
> > >Jean-Pierre
> > >
> > >
> >
>

490. Re: Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-03-14 13:17:46 UTC
From: pmcculey
Topic: 484 Message: 490

I'm not aware of anything related to city lighting which would cause this. How is your antenna made? You could try an antenna with fewer turns to see if the frequency changes. If that happens, you probably have an oscillation in the system. You could also rotate the antenna & see if signal levels change. If that happens then it is most likely an external source.

What is your location? I'm in Dublin myself & just started putting together a supersid. Its not operational yet, but what I've seen so far indicates nothing like this. Your problem only happens at night?

Joe

--- In Super_SID@yahoogroups.com, "Jean-pierre Bolengo" <jpbolengo@...> wrote:
>
> Hello Joe
> I've disconnected the antenna and the 5kHz-steps disapeared. A neighbour told me, that it can be the city lights?
>
> Thanks for your tip
> Jean-Pierre
>
> --- In Super_SID@yahoogroups.com, "pmcculey" <joe.mccauley@> wrote:
> >
> > Do you have access to an oscilloscope? If so, look for a 5KHz oscillation at your antenna input. (you will need to keep your antenna connected to the SID preamp I'd say.)
> >
> > I've seen this sort of thing before at higher (MHz) frequencies in a different type of radio system operating in the 45-870 MHz range. In that case the spectra were similar to yours with peaks across the frequency range offset by 5 MHz exactly. Turned out to be caused by a 5MHz oscillation in the system preamp which was overdriving the input amplifier of the receiver.
> >
> > Joe
> >
> > --- In Super_SID@yahoogroups.com, Jean-pierre Bolengo <jpbolengo@> wrote:
> > >
> > > Hi Bill and Melinda
> > > I've found out, that after Sunset I get interfrences every 5kHz. Have you any
> > > idea, what kind of source that can be?
> > > Attached an actuel screenshot.
> > >
> > >
> > >
> > >
> > >
> > > _____

> > > From: WILLIAM & MELINDA LORD <ap_guardian@>
> > > To: Super_SID@yahoogroups.com
> > > Sent: Sun, March 13, 2011 3:37:22 PM
> > > Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)
> > >
> > >
> > > Hi Jean-Pierre,
> > > Can you post or send us a screen shot of your spectrum as you collect data and
> > > one of your plots?
> > >
> > > Bill & Melinda Lord
> > > www.tnSkyNet.com
> > > www.radio-astronomy.org
> > >
> > > Light travels faster than sound. This is why some people appear bright until you
> > > hear them speak. :-)
> > >
> > > --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@> wrote:
> > >
> > >
> > > >From: Jean-pierre Bolengo <jpbolengo@>
> > > >Subject: [Super_SID] Strange Signal (Newbee in Europe)
> > > >To: Super_SID@yahoogroups.com
> > > >Date: Sunday, March 13, 2011, 6:32 AM
> > > >
> > > >
> > > >
> > > >Hello
> > > >I've been collecting data since a halfe week. My strange signal is much higher
> > > >during daytime than during nighttime. Have you any idee?
> > > >Jean-Pierre
> > > >
> > > >
> > >
> >
>

491. Re: Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-03-14 15:22:59 UTC
From: Jean-pierre Bolengo
Topic: 484 Message: 491

Hello Joe
I'm in Switzerland. And this strange signals are starting around 17h UTC / 18h CET. I will check it this evening again. I understand your idea. I've turn the antenna and the levels did not change. I've built an antenna that is a square (1meter each side) in a water tube. So I can't take any wires away. It was a hard work to put is wires in.

Jean-Pierre

--- In Super_SID@yahoogroups.com, "pmcculey" <joe.mccauley@...> wrote:
>
> I'm not aware of anything related to city lighting which would cause this. How is your antenna made? You could try an antenna with fewer turns to see if the frequency changes. If that happens, you probably have an oscillation in the system. You could also rotate the antenna & see if signal levels change. If that happens then it is most likely an external source.
>
> What is your location? I'm in Dublin myself & just started putting together a supersid. Its not operational yet, but what I've seen so far indicates nothing like this. Your problem only happens at night?
>
> Joe
>
> --- In Super_SID@yahoogroups.com, "Jean-pierre Bolengo" <jpbolengo@> wrote:
> >
> > Hello Joe
> > I've disconnected the antenna and the 5kHz-steps disapeared. A neighbour told me, that it can be the city lights?
> >
> > Thanks for your tip
> > Jean-Pierre
> >
> > --- In Super_SID@yahoogroups.com, "pmcculey" <joe.mccauley@> wrote:
> > >
> > > Do you have access to an oscilloscope? If so, look for a 5KHz oscillation at your antenna input. (you will need to keep your antenna connected to the SID preamp I'd say.)
> > >
> > > I've seen this sort of thing before at higher (MHz) frequencies in a different type of radio system operating in the 45-870 MHz range. In that case the spectra were similar to yours with peaks across the frequency range offset by 5 MHz exactly. Turned out to be caused by a 5MHz oscillation in the system preamp which was overdriving the input amplifier of the receiver.
> > >
> > > Joe
> > >
> > > --- In Super_SID@yahoogroups.com, Jean-pierre Bolengo <jpbolengo@> wrote:

> > > >
> > > > Hi Bill and Melinda
> > > > I've found out, that after Sunset I get interfrences every 5kHz. Have you any
> > > > idea, what kind of source that can be?
> > > > Attached an actuel screenshot.
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > _____
> > > > From: WILLIAM & MELINDA LORD <ap_guardian@>
> > > > To: Super_SID@yahoogroups.com
> > > > Sent: Sun, March 13, 2011 3:37:22 PM
> > > > Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)
> > > >
> > > >
> > > > Hi Jean-Pierre,
> > > > Can you post or send us a screen shot of your spectrum as you collect data and
> > > > one of your plots?
> > > >
> > > > Bill & Melinda Lord
> > > > www.tnSkyNet.com
> > > > www.radio-astronomy.org
> > > >
> > > > Light travels faster than sound. This is why some people appear bright until you
> > > > hear them speak. :-)
> > > >
> > > > --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@> wrote:
> > > >
> > > >
> > > > >From: Jean-pierre Bolengo <jpbolengo@>
> > > > >Subject: [Super_SID] Strange Signal (Newbee in Europe)
> > > > >To: Super_SID@yahoogroups.com
> > > > >Date: Sunday, March 13, 2011, 6:32 AM
> > > > >
> > > > >
> > > > >
> > > > >Hello
> > > > >I've been collecting data since a halfe week. My strange signal is much higher
> > > > >during daytime than during nighttime. Have you any idee?
> > > > >Jean-Pierre
> > > > >
> > > > >
> > > >
> > >
> >

492. Re: [Super_SID] Re: Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-03-14 16:07:35 UTC
From: Jean-pierre Bolengo
Topic: 484 Message: 492
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Joe
I've this strange signals today much earlier. See attached file.
So what is the next step, I don't owe an oscilloscope. Is there any possibilty to attach a filter at the SID input?

Jean-Pierre

From: pmcculey <joe.mccauley@...>
To: Super_SID@yahoogroups.com
Sent: Mon, March 14, 2011 2:17:46 PM
Subject: [Super_SID] Re: Strange Signal (Newbee in Europe)

I'm not aware of anything related to city lighting which would cause this. How is your antenna made? You could try an antenna with fewer turns to see if the frequency changes. If that happens, you probably have an oscillation in the system. You could also rotate the antenna & see if signal levels change. If that happens then it is most likely an external source.

What is your location? I'm in Dublin myself & just started putting together a supersid. Its not operational yet, but what I've seen so far indicates nothing like this. Your problem only happens at night?

Joe

--- In Super_SID@yahoogroups.com, "Jean-pierre Bolengo" <jpbolengo@...> wrote:
>
> Hello Joe
> I've disconnected the antenna and the 5kHz-steps disapeared. A neighbour told
>me, that it can be the city lights?
>
> Thanks for your tip
> Jean-Pierre
>
> --- In Super_SID@yahoogroups.com, "pmcculey" <joe.mccauley@> wrote:
> >
> > Do you have access to an oscilloscope? If so, look for a 5KHz oscillation at
>your antenna input. (you will need to keep your antenna connected to the SID
>preamp I'd say.)
> >
> > I've seen this sort of thing before at higher (MHz) frequencies in a
>different type of radio system operating in the 45-870 MHz range. In that case
>the spectra were similar to yours with peaks across the frequency range offset
>by 5 MHz exactly. Turned out to be caused by a 5MHz oscillation in the system
>preamp which was overdriving the input amplifier of the receiver.

> >
> > Joe
> >
> > --- In Super_SID@yahoogroups.com, Jean-pierre Bolengo <jpbolengo@> wrote:
> > >
> > > Hi Bill and Melinda
> > > I've found out, that after Sunset I get interfrences every 5kHz. Have you
>any
>
> > > idea, what kind of source that can be?
> > > Attached an actuel screenshot.
> > >
> > >
> > >
> > >
> > >
> > > _____
> > > From: WILLIAM & MELINDA LORD <ap_guardian@>
> > > To: Super_SID@yahoogroups.com
> > > Sent: Sun, March 13, 2011 3:37:22 PM
> > > Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)
> > >
> > >
> > > Hi Jean-Pierre,
> > > Can you post or send us a screen shot of your spectrum as you collect data
>and
>
> > > one of your plots?
> > >
> > > Bill & Melinda Lord
> > > www.tnSkyNet.com
> > > www.radio-astronomy.org
> > >
> > > Light travels faster than sound. This is why some people appear bright
>until you
>
> > > hear them speak. :-)
> > >
> > > --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@> wrote:
> > >
> > >
> > > >From: Jean-pierre Bolengo <jpbolengo@>
> > > >Subject: [Super_SID] Strange Signal (Newbee in Europe)
> > > >To: Super_SID@yahoogroups.com
> > > >Date: Sunday, March 13, 2011, 6:32 AM
> > > >
> > > >
> > > >
> > > >Hello
> > > >I've been collecting data since a halfe week. My strange signal is much

>higher
>
> > > >during daytime than during nighttime. Have you any idee?
> > > >Jean-Pierre
> > > >
> > > >
> > >
> >
>

493. Re: Strange Signal (Newbee in Europe) [1 Attachment]

Yahoo group: Super_SID
Date: 2011-03-14 16:12:57 UTC
From: Jean-pierre Bolengo
Topic: 484 Message: 493

Hello Bill & Melinda
As you can see in the messages, I've found a contact to Ireland.
Today there where as small signal at every 5kHz. The signal growed at 16 UTC. I've turn off every equippment in my house, including fridge and Oil-heating. No success. Is it possible to attache certain filter to the input of a SID?

Jean-Pierre

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Since we can not detect SID's after sunset, we are usually not too concerned about the night time signal.Â You can add a couple of these frequencies to your config file, give them call _sign of test1 and test2.Â Then plot them and see if you can tell where the signal is coming from by the time of day or night they peak.Â
> Â
> Lots of things can give off radio frequencies (RF) that are "noise" to the SuperSID- fluorescent lights, dimmer switches, power equipment, generators, microwaves, just to name a few.Â Sometimes equipment that never was a problem starts to go bad electronically before it stops working and in the meantime it puts out RF noise.
> Â
> If you have electronic equipment near the antenna, try shutting one piece off at a time and then watch your spectrum to see if there is a change.Â NOTE- the SuperSID lags in displaying changes by 10 to 20 seconds, so give it time to settle.
> Â
> We have a group set up to discuss VLF noise issues.Â You can join this by going to http://tech.groups.yahoo.com/group/VLF_Noise_Red/
> Â
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:
>
>
> From: Jean-pierre Bolengo <jpbolengo@...>
> Subject: Re: [Super_SID] Strange Signal (Newbee in Europe) [1 Attachment]
> To: Super_SID@yahoogroups.com
> Date: Sunday, March 13, 2011, 1:11 PM
>
>
> Â
>

>
> [Attachment(s) from Jean-pierre Bolengo included below]
>
>
> Hi Bill and Melinda
> I've found out, that after Sunset I get interfrences every 5kHz. Have you any idea, what kind of source that can be?
> Attached an actuel screenshot.
>
>
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>
>
> From: WILLIAM & MELINDA LORD <ap_guardian@...>
> To: Super_SID@yahoogroups.com
> Sent: Sun, March 13, 2011 3:37:22 PM
> Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)
>
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> Hi Jean-Pierre,
> Can you post or send us a screen shot of your spectrum as you collect data and one of your plots?
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:
>
>
> From: Jean-pierre Bolengo <jpbolengo@...>
> Subject: [Super_SID] Strange Signal (Newbee in Europe)
> To: Super_SID@yahoogroups.com
> Date: Sunday, March 13, 2011, 6:32 AM
>
>
> Â
>
> Hello
> I've been collecting data since a halfe week. My strange signal is much higher during

daytime than during nighttime. Have you any idee?
> Jean-Pierre
>

494. Re: Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-03-14 18:18:20 UTC
From: pmcculey
Topic: 484 Message: 494

If it were me, I would just wind an antenna with fewer turns and see what the results were. You could wind it on anything & I guess it does not have to be too neat.

I don't know what the effects of putting a filter on the input, but I'm sure someone else has tried it.

Joe

--- In Super_SID@yahoogroups.com, Jean-pierre Bolengo <jpbolengo@...> wrote:
>
> Hello Joe
> I've this strange signals today much earlier. See attached file.
> So what is the next step, I don't owe an oscilloscope. Is there any possibilty
> to attach a filter at the SID input?
>
> Jean-Pierre
>
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>
> _____
> From: pmcculey <joe.mccauley@...>
> To: Super_SID@yahoogroups.com
> Sent: Mon, March 14, 2011 2:17:46 PM
> Subject: [Super_SID] Re: Strange Signal (Newbee in Europe)
>
>
> I'm not aware of anything related to city lighting which would cause this. How
> is your antenna made? You could try an antenna with fewer turns to see if the
> frequency changes. If that happens, you probably have an oscillation in the
> system. You could also rotate the antenna & see if signal levels change. If that
> happens then it is most likely an external source.
>
> What is your location? I'm in Dublin myself & just started putting together a
> supersid. Its not operational yet, but what I've seen so far indicates nothing
> like this. Your problem only happens at night?
>
> Joe
>
> --- In Super_SID@yahoogroups.com, "Jean-pierre Bolengo" <jpbolengo@> wrote:
> >
> > Hello Joe
> > I've disconnected the antenna and the 5kHz-steps disapeared. A neighbour told
> >me, that it can be the city lights?
> >

> > Thanks for your tip
> > Jean-Pierre
> >
> > --- In Super_SID@yahoogroups.com, "pmcculey" <joe.mccauley@> wrote:
> > >
> > > Do you have access to an oscilloscope? If so, look for a 5KHz oscillation at
> >your antenna input. (you will need to keep your antenna connected to the SID
> >preamp I'd say.)
> > >
> > > I've seen this sort of thing before at higher (MHz) frequencies in a
> >different type of radio system operating in the 45-870 MHz range. In that case
> >the spectra were similar to yours with peaks across the frequency range offset
> >by 5 MHz exactly. Turned out to be caused by a 5MHz oscillation in the system
> >preamp which was overdriving the input amplifier of the receiver.
> > >
> > > Joe
> > >
> > > --- In Super_SID@yahoogroups.com, Jean-pierre Bolengo <jpbolengo@> wrote:
> > > >
> > > > Hi Bill and Melinda
> > > > I've found out, that after Sunset I get interfrences every 5kHz. Have you
> >any
> > >
> > > > idea, what kind of source that can be?
> > > > Attached an actuel screenshot.
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > _____
> > > > From: WILLIAM & MELINDA LORD <ap_guardian@>
> > > > To: Super_SID@yahoogroups.com
> > > > Sent: Sun, March 13, 2011 3:37:22 PM
> > > > Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)
> > > >
> > > >
> > > > Hi Jean-Pierre,
> > > > Can you post or send us a screen shot of your spectrum as you collect data
> >and
> > >
> > > > one of your plots?
> > > >
> > > > Bill & Melinda Lord
> > > > www.tnSkyNet.com
> > > > www.radio-astronomy.org
> > > >
> > > > Light travels faster than sound. This is why some people appear bright
> >until you
> > >

> > > > hear them speak. :-)
> > > >
> > > > --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@> wrote:
> > > >
> > > >
> > > > >From: Jean-pierre Bolengo <jpbolengo@>
> > > > >Subject: [Super_SID] Strange Signal (Newbee in Europe)
> > > > >To: Super_SID@yahoogroups.com
> > > > >Date: Sunday, March 13, 2011, 6:32 AM
> > > > > >
> > > > > >
> > > > > >
> > > > >Hello
> > > > >I've been collecting data since a halfe week. My strange signal is much
> >higher
> > >
> > > > >during daytime than during nighttime. Have you any idee?
> > > > >Jean-Pierre
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495. Running 2 sids from the same antenna, or from 2 antennas side by side?

Yahoo group: Super_SID
Date: 2011-03-14 18:22:28 UTC
From: pmcculey
Topic: 495 Message: 495

I'm just in the process of setting up a supersid, but was hoping to keep the old model sid I have running. Is it possible to run both sid & supersid from the same antenna?

Alternatively I can wind a new one. In that case is there any issues with running two antennas side by side, seperated by 10-20cms? I was thinking to stack them side by side.

Joe

496. Re: [Super_SID] Running 2 sids from the same antenna, or from 2 antennas side by side?

Yahoo group: Super_SID
Date: 2011-03-14 19:08:19 UTC
From: WILLIAM & MELINDA LORD
Topic: 495 Message: 496

We have run two units from the same antenna. One was the old SID (red box) using a comm port and the other was a SuperSID using the soundcard. Use a T -connector and 50 ohm coax.

Bill & Melinda Lord

www.tnSkyNet.com

www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Mon, 3/14/11, pmcculey <joe.mccauley@...> wrote:

From: pmcculey <joe.mccauley@...>
Subject: [Super_SID] Running 2 sids from the same antenna, or from 2 antennas side by side?
To: Super_SID@yahoogroups.com
Date: Monday, March 14, 2011, 1:22 PM

I'm just in the process of setting up a supersid, but was hoping to keep the old model sid I have running. Is it possible to run both sid & supersid from the same antenna?

Alternatively I can wind a new one. In that case is there any issues with running two antennas side by side, seperated by 10-20cms? I was thinking to stack them side by side.

Joe

497. Re: [Super_SID] Running 2 sids from the same antenna, or from 2 antennas side by side?

Yahoo group: Super_SID
Date: 2011-03-14 19:12:11 UTC
From: Marcus D. Leech
Topic: 495 Message: 497

On 14/03/2011 2:22 PM, pmcculey wrote:
>
> I'm just in the process of setting up a supersid, but was hoping to
> keep the old model sid I have running. Is it possible to run both sid
> & supersid from the same antenna?
>
> Alternatively I can wind a new one. In that case is there any issues
> with running two antennas side by side, seperated by 10-20cms? I was
> thinking to stack them side by side.
>
> Joe
>
I actually split the output of my Mini-Mic 800 amplifier, which goes to
a SID receiver and also a WWVB receiver. Seems to work fairly well.

>
>

498. Re: [Super_SID] Re: Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-03-14 19:58:17 UTC
From: WILLIAM & MELINDA LORD
Topic: 484 Message: 498

We do not have any filters that we have come up with at this time. We are trying shielding of the antenna, but have not determined this improves the signal.

Have you plotted any of your data? Even though you have a noise source, you might still have a signal from a station that is not affected by the noise.

Bill & Melinda Lord

www.tnSkyNet.com

www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Mon, 3/14/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

From: Jean-pierre Bolengo <jpbolengo@...>
Subject: [Super_SID] Re: Strange Signal (Newbee in Europe)
To: Super_SID@yahoogroups.com
Date: Monday, March 14, 2011, 11:12 AM

Hello Bill & Melinda

As you can see in the messages, I've found a contact to Ireland.

Today there where as small signal at every 5kHz. The signal growed at 16 UTC. I've turn off every equippment in my house, including fridge and Oil-heating. No success. Is it possible to attache certain filter to the input of a SID?

Jean-Pierre

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

>

> Since we can not detect SID's after sunset, we are usually not too concerned about the night time signal.Â You can add a couple of these frequencies to your config file, give them call _sign of test1 and test2.Â Then plot them and see if you can tell where the signal is coming from by the time of day or night they peak.Â

> Â

> Lots of things can give off radio frequencies (RF) that are "noise" to the SuperSID- fluorescent lights, dimmer switches, power equipment, generators, microwaves, just to name a few.Â Sometimes equipment that never was a problem starts to go bad electronically before it stops working and in the meantime it puts out RF noise.

> Â

> If you have electronic equipment near the antenna, try shutting one piece off at a time and then watch your spectrum to see if there is a change.Â NOTE- the SuperSID lags in displaying changes by 10 to 20 seconds, so give it time to settle.

> Â

> We have a group set up to discuss VLF noise issues.Â You can join this by going to http://tech.groups.yahoo.com/group/VLF_Noise_Red/

> Â

> Bill & Melinda Lord

> www.tnSkyNet.com

> www.radio-astronomy.org

>

> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

>

> --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

>

>

> From: Jean-pierre Bolengo <jpbolengo@...>

> Subject: Re: [Super_SID] Strange Signal (Newbee in Europe) [1 Attachment]

> To: Super_SID@yahoogroups.com

> Date: Sunday, March 13, 2011, 1:11 PM

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>

> [Attachment(s) from Jean-pierre Bolengo included below]

>

>

> Hi Bill and Melinda

> I've found out, that after Sunset I get interfrences every 5kHz. Have you any idea, what kind of source that can be?

> Attached an actuel screenshot.

>

>

>

>

>

>

> From: WILLIAM & MELINDA LORD <ap_guardian@...>

> To: Super_SID@yahoogroups.com

> Sent: Sun, March 13, 2011 3:37:22 PM

> Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)

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> Hi Jean-Pierre,

> Can you post or send us a screen shot of your spectrum as you collect data and one of your plots?

>

> Bill & Melinda Lord

> www.tnSkyNet.com

> www.radio-astronomy.org

>

> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

>

> --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

>

>

> From: Jean-pierre Bolengo <jpbolengo@...>

> Subject: [Super_SID] Strange Signal (Newbee in Europe)

> To: Super_SID@yahoogroups.com

> Date: Sunday, March 13, 2011, 6:32 AM

>

>

> Â

>

> Hello

> I've been collecting data since a halfe week. My strange signal is much higher during daytime than during nighttime. Have you any idee?

> Jean-Pierre

>

499. Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Yahoo group: Super_SID
Date: 2011-03-14 21:27:38 UTC
From: pmcculey
Topic: 495 Message: 499

Thats exactly what I'd like to do. A pity I did not post here first before buying the stuff for a second antenna. Ah well....

Joe

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> We have run two units from the same antenna.Â One was the old SID (red box) using a comm port and the other was a SuperSID using the soundcard.Â Use a T -connector and 50 ohm coax.
>
> Bill & Melinda Lord
>
> www.tnSkyNet.com
>
> www.radio-astronomy.org
>
>
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Mon, 3/14/11, pmcculey <joe.mccauley@...> wrote:
>
> From: pmcculey <joe.mccauley@...>
> Subject: [Super_SID] Running 2 sids from the same antenna, or from 2 antennas side by side?
> To: Super_SID@yahoogroups.com
> Date: Monday, March 14, 2011, 1:22 PM
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> I'm just in the process of setting up a supersid, but was hoping to keep the old model sid I have running. Is it possible to run both sid & supersid from the same antenna?
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>
> Alternatively I can wind a new one. In that case is there any issues with running two antennas side by side, seperated by 10-20cms? I was thinking to stack them side by side.
>
>
>
> Joe
>

500. RE: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Yahoo group: Super_SID
Date: 2011-03-14 21:34:11 UTC
From: Dave Benham
Topic: 495 Message: 500

It□s like fishing, ham radio and many other hobbies. You can never have enough antennas! :-)

Dave

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of pmcculey
Sent: Monday, March 14, 2011 5:28 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Thats exactly what I'd like to do. A pity I did not post here first before buying the stuff for a second antenna. Ah well....

Joe

--- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com> , WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> We have run two units from the same antenna.Â One was the old SID (red box) using a comm port and the other was a SuperSID using the soundcard.Â Use a T -connector and 50 ohm coax.
>
> Bill & Melinda Lord
>
> www.tnSkyNet.com
>
> www.radio-astronomy.org
>
>
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Mon, 3/14/11, pmcculey <joe.mccauley@...> wrote:
>
> From: pmcculey <joe.mccauley@...>
> Subject: [Super_SID] Running 2 sids from the same antenna, or from 2 antennas side by side?
> To: Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> Date: Monday, March 14, 2011, 1:22 PM
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> Alternatively I can wind a new one. In that case is there any issues with running two antennas side by side, seperated by 10-20cms? I was thinking to stack them side by side.
>
>
>
> Joe
>

501. Res: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Yahoo group: Super_SID
Date: 2011-03-14 21:44:00 UTC
From: Tadeu Fernandes
Topic: 495 Message: 501

Joe,

You can use a filter (diplex/filter) it is designed to be used with dual band rigs with single feed line (antenna system), or dual antenna system with single band rigs.

Tadeu Fernandes, PY1KCF

De: Dave Benham <dad@...>
Para: Super_SID@yahoogroups.com
Enviadas: Segunda-feira, 14 de Março de 2011 18:34:11
Assunto: RE: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

It’s like fishing, ham radio and many other hobbies. You can never have enough antennas! J

Dave

From:Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of pmcculey
Sent: Monday, March 14, 2011 5:28 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Thats exactly what I'd like to do. A pity I did not post here first before buying the stuff for a second antenna. Ah well....

Joe

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> We have run two units from the same antenna.Â One was the old SID (red box)
>using a comm port and the other was a SuperSID using the soundcard.Â Use a T
>-connector and 50 ohm coax.
>
> Bill & Melinda Lord
>
> www.tnSkyNet.com
>
> www.radio-astronomy.org

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>
> Light travels faster than sound. This is why some people appear bright until
>you hear them speak. :-)
>
> --- On Mon, 3/14/11, pmcculey <joe.mccauley@...> wrote:
>
> From: pmcculey <joe.mccauley@...>
> Subject: [Super_SID] Running 2 sids from the same antenna, or from 2 antennas
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> To: Super_SID@yahoogroups.com
> Date: Monday, March 14, 2011, 1:22 PM
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> Alternatively I can wind a new one. In that case is there any issues with
>running two antennas side by side, seperated by 10-20cms? I was thinking to
>stack them side by side.
>
>
>
> Joe
>

502. Res: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Yahoo group: Super_SID
Date: 2011-03-14 22:03:16 UTC
From: pmcculey
Topic: 495 Message: 502

Does a diplexer not involve dividing the frequency band? (one rx using a low band & the other using a higher band)

Joe

--- In Super_SID@yahoogroups.com, Tadeu Fernandes <py1kcf@...> wrote:
>
> Joe,
>
>
> You can use a filter (diplex/filter) it is designed to be used with dual band
> rigs with single feed line (antenna system), or dual antenna system with single
> band rigs.
>
> Tadeu Fernandes, PY1KCF
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> _____
> De: Dave Benham <dad@...>
> Para: Super_SID@yahoogroups.com
> Enviadas: Segunda-feira, 14 de MarÃ§o de 2011 18:34:11
> Assunto: RE: [Super_SID] Re: Running 2 sids from the same antenna, or from 2
> antennas side by side?
>
>
> Itâ□□s like fishing, ham radio and many other hobbies. You can never have enough
> antennas! J
>
> Dave
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> _____
>
> From:Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of
> pmcculey
> Sent: Monday, March 14, 2011 5:28 PM
> To: Super_SID@yahoogroups.com
> Subject: [Super_SID] Re: Running 2 sids from the same antenna, or from 2
> antennas side by side?

>
>
> Thats exactly what I'd like to do. A pity I did not post here first before
> buying the stuff for a second antenna. Ah well....
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> Joe
>
> --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@>
> wrote:
> >
> > We have run two units from the same antenna.Ã☐ One was the old SID (red box)
> >using a comm port and the other was a SuperSID using the soundcard.Ã☐ Use a T
> >-connector and 50 ohm coax.
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> > Bill & Melinda Lord
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> > www.tnSkyNet.com
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> > Light travels faster than sound. This is why some people appear bright until
> >you hear them speak. :-)
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> > --- On Mon, 3/14/11, pmcculey <joe.mccauley@> wrote:
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> > From: pmcculey <joe.mccauley@>
> > Subject: [Super_SID] Running 2 sids from the same antenna, or from 2 antennas
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> > To: Super_SID@yahoogroups.com
> > Date: Monday, March 14, 2011, 1:22 PM
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> > Alternatively I can wind a new one. In that case is there any issues with
> >running two antennas side by side, seperated by 10-20cms? I was thinking to
> >stack them side by side.
> >
> >
> >
> > Joe
> >
>

503. [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Yahoo group: Super_SID
Date: 2011-03-14 22:25:22 UTC
From: Tadeu Fernandes
Topic: 495 Message: 503

Joe,

As the name suggests, a diplexer is a device that takes two signals (frequencies) and allows both frequencies to be passed through on one port at the same time. For instance, if there is one frequency at 800mhz and another at 300mhz, or both the same frequencies are passed to the diplexer and then passed through the same line, such as a coaxial cable, at the same time.

But, if you want to use two antennas to increase the SID unity gain, you can try an antenna arrays system, it is the solution to the problem defined as the limitations of operating a single antenna. An example of the problem is that although a dipole or loop antenna allows for better control of direction than an isotropic (omni-directional) antenna - as the length of the dipole increases, the control of direction decreases. Hence control by changing the length of a single antenna is very limited. Greater flexibility and control can be obtained for directing the beam with an arrangement of multiple radiators.

Tadeu Fernandes, PY1KCF

De: pmcculey <joe.mccauley@...>
Para: Super_SID@yahoogroups.com
Enviadas: Segunda-feira, 14 de Março de 2011 19:03:16
Assunto: Res: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Does a diplexer not involve dividing the frequency band? (one rx using a low band & the other using a higher band)

Joe

--- In Super_SID@yahoogroups.com, Tadeu Fernandes <py1kcf@...> wrote:
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> Joe,
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> You can use a filter (diplex/filter) it is designed to be used with dual band

> rigs with single feed line (antenna system), or dual antenna system with single
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> band rigs.
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> Tadeu Fernandes, PY1KCF
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> _____
> De: Dave Benham <dad@...>
> Para: Super_SID@yahoogroups.com
> Enviadas: Segunda-feira, 14 de MarÃ§o de 2011 18:34:11
> Assunto: RE: [Super_SID] Re: Running 2 sids from the same antenna, or from 2
> antennas side by side?
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>
> Itâ€™s like fishing, ham radio and many other hobbies. You can never have
>enough
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> antennas! J
>
> Dave
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> _____
>
> From:Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of

> pmcculey
> Sent: Monday, March 14, 2011 5:28 PM
> To: Super_SID@yahoogroups.com
> Subject: [Super_SID] Re: Running 2 sids from the same antenna, or from 2
> antennas side by side?
>
>
> Thats exactly what I'd like to do. A pity I did not post here first before
> buying the stuff for a second antenna. Ah well....
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> Joe
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> --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@>
> wrote:
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> >using a comm port and the other was a SuperSID using the soundcard.Ã, Use a T
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> >-connector and 50 ohm coax.
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> > www.tnSkyNet.com
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> > Light travels faster than sound. This is why some people appear bright until

> >you hear them speak. :-)
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> > --- On Mon, 3/14/11, pmcculey <joe.mccauley@> wrote:
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> >stack them side by side.
> >
> >
> >
> > Joe
> >
>

504. Re: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Yahoo group: Super_SID
Date: 2011-03-15 09:19:47 UTC
From: DIVYADARSHAN PUROHIT
Topic: 495 Message: 504

Dear Tadeu Fernandes ,

I have Radio Jove using at 19.8 to 20.4 Mhz & a Super Sid.I can not use both of them simultaneously ,so is it possible to operate both of them with the help of diplexer.If yes kindly guide/send the picture of diplexer because in my region no one is known about the name or the product like diplexer.

with regards,
DDPurohit

On Tue, Mar 15, 2011 at 3:55 AM, Tadeu Fernandes <py1kcf@...>wrote:

>
>
> Joe,
>
> As the name suggests, a diplexer is a device that takes two signals
> (frequencies) and allows both frequencies to be passed through on one port
> at the same time. For instance, if there is one frequency at 800mhz and
> another at 300mhz, or both the same frequencies are passed to the diplexer
> and then passed through the same line, such as a coaxial cable, at the same
> time.
>
> But, if you want to use two antennas to increase the SID unity gain, you
> can try an antenna arrays system, it is the solution to the problem
> defined as the limitations of operating a single
antenna.<http://en.wikipedia.org/wiki/Antenna_array#cite_note-antenna-array-0>An example
of the problem is that although a dipole or loop antenna allows
> for better control of direction than an isotropic (omni-directional) antenna
> - as the length of the dipole increases, the control of direction decreases.
> Hence control by changing the length of a single antenna is very limited.
> Greater flexibility and control can be obtained for directing the beam with
> an arrangement of multiple
radiators.<http://en.wikipedia.org/wiki/Antenna_array#cite_note-antenna-array-0>
>
>
> Tadeu Fernandes, PY1KCF
>
>
> ------------------------------
> *De:* pmcculey <joe.mccauley@...>
>
> *Para:* Super_SID@yahoogroups.com
> *Enviadas:* Segunda-feira, 14 de Março de 2011 19:03:16
> *Assunto:* Res: [Super_SID] Re: Running 2 sids from the same antenna, or

> from 2 antennas side by side?
>
>
>
> Does a diplexer not involve dividing the frequency band? (one rx using a
> low band & the other using a higher band)
>
> Joe
>
> --- In Super_SID@yahoogroups.com, Tadeu Fernandes <py1kcf@...> wrote:
> >
> > Joe,
> > >
> > >
> > You can use a filter (diplex/filter) it is designed to be used with dual
> band
> > rigs with single feed line (antenna system), or dual antenna system with
> single
> > band rigs.
> > >
> > Tadeu Fernandes, PY1KCF
> > >
> > >
> > >
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> > >
> > _____
> > De: Dave Benham <dad@...>
> > Para: Super_SID@yahoogroups.com
> > Enviadas: Segunda-feira, 14 de MarÃ§o de 2011 18:34:11
> > Assunto: RE: [Super_SID] Re: Running 2 sids from the same antenna, or
> from 2
> > antennas side by side?
> > >
> > >
> > Itâ€™s like fishing, ham radio and many other hobbies. You can never have
> enough
> > antennas! J
> > >
> > Dave
> > >
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> > >
> > _____
> > >
> > From:Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On
> Behalf Of
> > pmcculey
> > Sent: Monday, March 14, 2011 5:28 PM
> > To: Super_SID@yahoogroups.com

> > Subject: [Super_SID] Re: Running 2 sids from the same antenna, or from 2
> > antennas side by side?
> >
> >
> > Thats exactly what I'd like to do. A pity I did not post here first
> before
> > buying the stuff for a second antenna. Ah well....
> >
> > Joe
> >
> > --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@>
> > wrote:
> > >
> > > We have run two units from the same antenna.Ã, One was the old SID (red
> box)
> > >using a comm port and the other was a SuperSID using the soundcard.Ã,
> Use a T
> > >-connector and 50 ohm coax.
> > >
> > > Bill & Melinda Lord
> > >
> > > www.tnSkyNet.com <http://www.tnskynet.com/>
> > >
> > > www.radio-astronomy.org
> > >
> > >
> > >
> > > Light travels faster than sound. This is why some people appear bright
> until
> > >you hear them speak. :-)
> > >
> > > --- On Mon, 3/14/11, pmcculey <joe.mccauley@> wrote:
> > >
> > > From: pmcculey <joe.mccauley@>
> > > Subject: [Super_SID] Running 2 sids from the same antenna, or from 2
> antennas
> > >side by side?
> > > To: Super_SID@yahoogroups.com
> > > Date: Monday, March 14, 2011, 1:22 PM
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> > > I'm just in the process of setting up a supersid, but was hoping to
> keep the
> > >old model sid I have running. Is it possible to run both sid & supersid
> from the
> > >same antenna?
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> > >
> > > Alternatively I can wind a new one. In that case is there any issues
> with
> > >running two antennas side by side, seperated by 10-20cms? I was thinking
> to
> > >stack them side by side.
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> > >
> > >
> > > Joe
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--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

505. Re: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Yahoo group: Super_SID
Date: 2011-03-15 13:34:42 UTC
From: WILLIAM & MELINDA LORD
Topic: 495 Message: 505

DD,

The diplexer will not work for you. The problem you have is you can not run two sound cards at one time. We have been told that Windows 7 is supposed to allow two sound cards to work at one time. We have not tried this so can not say if it will work.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Tue, 3/15/11, DIVYADARSHAN PUROHIT <divyadarshan63@...> wrote:

From: DIVYADARSHAN PUROHIT <divyadarshan63@...>
Subject: Re: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?
To: Super_SID@yahoogroups.com
Date: Tuesday, March 15, 2011, 4:19 AM

Dear Tadeu Fernandes ,

I have Radio Jove using at 19.8 to 20.4 Mhz & a Super Sid.I can not use both of them simultaneously ,so is it possible to operate both of them with the help of diplexer.If yes kindly guide/send the picture of diplexer because in my region no one is known about the name or the product like diplexer.

with regards,
DDPurohit

On Tue, Mar 15, 2011 at 3:55 AM, Tadeu Fernandes <py1kcf@...> wrote:

Joe,

As the name suggests, a diplexer is a device that takes two signals (frequencies) and allows both frequencies to be passed through on one port at the same time. For instance, if there is one frequency at 800mhz and another at 300mhz, or both the same frequencies are passed to the diplexer and then passed through the same line, such as a coaxial cable, at the same time.

But, if you want to use two antennas to increase the SID unity gain, you can try an antenna arrays system, it is the solution to the problem defined as the limitations of operating a single antenna. An example of the problem is that although a dipole or loop antenna allows for better control of direction than an isotropic (omni-directional) antenna - as the length of the dipole increases, the control of direction decreases. Hence control by

changing the length of a single antenna is very limited. Greater flexibility and control can be obtained for directing the beam with an arrangement of multiple radiators.

Tadeu Fernandes, PY1KCF

De: pmcculey <joe.mccauley@...>

Para: Super_SID@yahoogroups.com
Enviadas: Segunda-feira, 14 de Março de 2011 19:03:16
Assunto: Res: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Does a diplexer not involve dividing the frequency band? (one rx using a low band & the other using a higher band)

Joe

--- In Super_SID@yahoogroups.com, Tadeu Fernandes <py1kcf@...> wrote:
>
> Joe,
>
>
> You can use a filter (diplex/filter) it is designed to be used with dual band
> rigs with single feed line (antenna system), or dual antenna system with single
> band rigs.
>
> Tadeu Fernandes, PY1KCF
>
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> _____
> De: Dave Benham <dad@...>
> Para: Super_SID@yahoogroups.com
> Enviadas: Segunda-feira, 14 de MarÃ§o de 2011 18:34:11
> Assunto: RE: [Super_SID] Re: Running 2 sids from the same antenna, or from 2
> antennas side by side?
>
>
> Itâ€™s like fishing, ham radio and many other hobbies. You can never have enough
> antennas! J
>
> Dave
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> _____
>
> From:Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of
> pmcculey
> Sent: Monday, March 14, 2011 5:28 PM
> To: Super_SID@yahoogroups.com

> Subject: [Super_SID] Re: Running 2 sids from the same antenna, or from 2
> antennas side by side?
>
>
> Thats exactly what I'd like to do. A pity I did not post here first before
> buying the stuff for a second antenna. Ah well....
>
> Joe
>
> --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@>
> wrote:
> >
> > We have run two units from the same antenna.Ã, One was the old SID (red box)
> >using a comm port and the other was a SuperSID using the soundcard.Ã, Use a T
> >-connector and 50 ohm coax.
> >
> > Bill & Melinda Lord
> >
> > www.tnSkyNet.com
> >
> > www.radio-astronomy.org
> >
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> >you hear them speak. :-)
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> > --- On Mon, 3/14/11, pmcculey <joe.mccauley@> wrote:
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> > From: pmcculey <joe.mccauley@>
> > Subject: [Super_SID] Running 2 sids from the same antenna, or from 2 antennas
> >side by side?
> > To: Super_SID@yahoogroups.com
> > Date: Monday, March 14, 2011, 1:22 PM
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> > I'm just in the process of setting up a supersid, but was hoping to keep the
> >old model sid I have running. Is it possible to run both sid & supersid from the
> >same antenna?
> >
> >
> >
> >
> > Alternatively I can wind a new one. In that case is there any issues with
> >running two antennas side by side, seperated by 10-20cms? I was thinking to
> >stack them side by side.
> >
> >
> >
> > Joe
> >
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

506. Re: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Yahoo group: Super_SID
Date: 2011-03-15 16:38:18 UTC
From: DIVYADARSHAN PUROHIT
Topic: 495 Message: 506

Dear Lords,
Thanks,I remember our communication,but then think if diplexer may work.
regards,
DDPurohit
On Tue, Mar 15, 2011 at 7:04 PM, WILLIAM & MELINDA LORD <
ap_guardian@...> wrote:

>
>
> DD,
>
> The diplexer will not work for you. The problem you have is you can not
> run two sound cards at one time. We have been told that Windows 7 is
> supposed to allow two sound cards to work at one time. We have not tried
> this so can not say if it will work.
>
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnskynet.com/>
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> --- On *Tue, 3/15/11, DIVYADARSHAN PUROHIT <divyadarshan63@...>*wrote:
>
>
> From: DIVYADARSHAN PUROHIT <divyadarshan63@...>
> Subject: Re: [Super_SID] Re: Running 2 sids from the same antenna, or from
> 2 antennas side by side?
> To: Super_SID@yahoogroups.com
> Date: Tuesday, March 15, 2011, 4:19 AM
>
>
> Dear Tadeu Fernandes ,
>
> I have Radio Jove using at 19.8 to 20.4 Mhz & a Super Sid.I can not use
> both of them simultaneously ,so is it possible to operate both of them with
> the help of diplexer.If yes kindly guide/send the picture of diplexer
> because in my region no one is known about the name or the product like
> diplexer.
>
> with regards,
> DDPurohit
>

> On Tue, Mar 15, 2011 at 3:55 AM, Tadeu Fernandes
<py1kcf@yahoo.com.br<http://us.mc1217.mail.yahoo.com/mc/compose?to=py1kcf@...m.br>
> > wrote:
>
>
> Joe,
>
> As the name suggests, a diplexer is a device that takes two signals
> (frequencies) and allows both frequencies to be passed through on one port
> at the same time. For instance, if there is one frequency at 800mhz and
> another at 300mhz, or both the same frequencies are passed to the diplexer
> and then passed through the same line, such as a coaxial cable, at the same
> time.
>
> But, if you want to use two antennas to increase the SID unity gain, you
> can try an antenna arrays system, it is the solution to the problem
> defined as the limitations of operating a single
antenna.<http://en.wikipedia.org/wiki/Antenna_array#cite_note-antenna-array-0>An example
of the problem is that although a dipole or loop antenna allows
> for better control of direction than an isotropic (omni-directional) antenna
> - as the length of the dipole increases, the control of direction decreases.
> Hence control by changing the length of a single antenna is very limited.
> Greater flexibility and control can be obtained for directing the beam with
> an arrangement of multiple
radiators.<http://en.wikipedia.org/wiki/Antenna_array#cite_note-antenna-array-0>
>
>
> Tadeu Fernandes, PY1KCF
>
>
> ------------------------------
> *De:* pmcculey
<joe.mccauley@...<http://us.mc1217.mail.yahoo.com/mc/compose?to=joe.mccauley@...>>
>
>
> *Para:* Super_SID@yahoogroups.com<http://us.mc1217.mail.yahoo.com/mc/compose?to=Super_SI
D@yahoogroups.com>
> *Enviadas:* Segunda-feira, 14 de Março de 2011 19:03:16
> *Assunto:* Res: [Super_SID] Re: Running 2 sids from the same antenna, or
> from 2 antennas side by side?
>
>
> Does a diplexer not involve dividing the frequency band? (one rx using a
> low band & the other using a higher band)
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> Joe
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> --- In Super_SID@yahoogroups.com<http://us.mc1217.mail.yahoo.com/mc/compose?to=Super_SID
%40yahoogroups.com>,
> Tadeu Fernandes <py1kcf@...> wrote:

> >
> > Joe,
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> >
> > You can use a filter (diplex/filter) it is designed to be used with dual
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> > rigs with single feed line (antenna system), or dual antenna system with
> single
> > band rigs.
> >
> > Tadeu Fernandes, PY1KCF
> >
> >
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> >
> > _____
> > De: Dave Benham <dad@...>
> > Para: Super_SID@yahoogroups.com<http://us.mc1217.mail.yahoo.com/mc/compose?to=Super_SI
D%40yahoogroups.com>
> > Enviadas: Segunda-feira, 14 de MarÃ§o de 2011 18:34:11
> > Assunto: RE: [Super_SID] Re: Running 2 sids from the same antenna, or
> from 2
> > antennas side by side?
> >
> >
> > Itâ€™s like fishing, ham radio and many other hobbies. You can never have
> enough
> > antennas! J
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> > Dave
> >
> >
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> > _____
> >
> > From:Super_SID@yahoogroups.com<http://us.mc1217.mail.yahoo.com/mc/compose?to=Super_SID
%40yahoogroups.com>[mailto:
> Super_SID@yahoogroups.com<http://us.mc1217.mail.yahoo.com/mc/compose?to=Super_SID%40yaho
ogroups.com>]
> On Behalf Of
> > pmcculey
> > Sent: Monday, March 14, 2011 5:28 PM
> > To: Super_SID@yahoogroups.com<http://us.mc1217.mail.yahoo.com/mc/compose?to=Super_SID%
40yahoogroups.com>
> > Subject: [Super_SID] Re: Running 2 sids from the same antenna, or from 2
> > antennas side by side?
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> >
> > Thats exactly what I'd like to do. A pity I did not post here first

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> > buying the stuff for a second antenna. Ah well....
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> > Joe
> >
> > --- In Super_SID@yahoogroups.com<http://us.mc1217.mail.yahoo.com/mc/compose?to=Super_SID%40yahoogroups.com>,
> WILLIAM & MELINDA LORD <ap_guardian@>
> > wrote:
> > >
> > > We have run two units from the same antenna.Ã, One was the old SID (red
> box)
> > >using a comm port and the other was a SuperSID using the soundcard.Ã,
> Use a T
> > >-connector and 50 ohm coax.
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> > > Bill & Melinda Lord
> > >
> > > www.tnSkyNet.com <http://www.tnskynet.com/>
> > >
> > > www.radio-astronomy.org
> > >
> > >
> > >
> > > Light travels faster than sound. This is why some people appear bright
> until
> > >you hear them speak. :-)
> > >
> > > --- On Mon, 3/14/11, pmcculey <joe.mccauley@> wrote:
> > >
> > > From: pmcculey <joe.mccauley@>
> > > Subject: [Super_SID] Running 2 sids from the same antenna, or from 2
> antennas
> > >side by side?
> > > To: Super_SID@yahoogroups.com<http://us.mc1217.mail.yahoo.com/mc/compose?to=Super_SID%40yahoogroups.com>
> > > Date: Monday, March 14, 2011, 1:22 PM
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> > > I'm just in the process of setting up a supersid, but was hoping to
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> > >
> > > Alternatively I can wind a new one. In that case is there any issues
> with
> > >running two antennas side by side, seperated by 10-20cms? I was thinking
> to
> > >stack them side by side.
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> > >
> > > Joe
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> --
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
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Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

507. Re: [Super_SID] Re: Running 2 sids from the same antenna, or from 2 antennas side by side?

Yahoo group: Super_SID
Date: 2011-03-15 19:02:41 UTC
From: Marcus D. Leech
Topic: 495 Message: 507

> Dear Tadeu Fernandes ,
> I have Radio Jove using at 19.8 to 20.4 Mhz & a Super Sid.I can not
> use both of them simultaneously ,so is it possible to operate both of
> them with the help of diplexer.If yes kindly guide/send the picture of
> diplexer because in my region no one is known about the name or the
> product like diplexer.
> with regards,
> DDPurohit

For frequencies above 5-10MHz, a standard cable-TV 2:1 splitter can be
used to split the signal from your antenna lead-in coax to provide
signal for two receivers.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

508. VLF antenna angle

Yahoo group: Super_SID
Date: 2011-03-16 01:00:04 UTC
From: lataox
Topic: 508 Message: 508

Hi, all;

I am new to VLF SID. Now I am building VLF antenna, but I have a question that hwo to set up an antenna.

For a spceific VLF transmitter station, what is suitable ?
such as inclination angle, azimuth angle.

thanks and best wishes.

lata

509. Re: [Super_SID] Re: Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-03-16 07:53:29 UTC
From: Jean-pierre Bolengo
Topic: 484 Message: 509
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Bill and Melinda
Attached you will finde my first 24h graph. Is this good engouh for a measurement?
Jean-Pierre

From: WILLIAM & MELINDA LORD <ap_guardian@...>
To: Super_SID@yahoogroups.com
Sent: Mon, March 14, 2011 8:58:17 PM
Subject: Re: [Super_SID] Re: Strange Signal (Newbee in Europe)

We do not have any filters that we have come up with at this time. We are trying shielding of the antenna, but have not determined this improves the signal.

Have you plotted any of your data? Even though you have a noise source, you might still have a signal from a station that is not affected by the noise.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Mon, 3/14/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

>From: Jean-pierre Bolengo <jpbolengo@...>
>Subject: [Super_SID] Re: Strange Signal (Newbee in Europe)
>To: Super_SID@yahoogroups.com
>Date: Monday, March 14, 2011, 11:12 AM
>
>
>
>Hello Bill & Melinda
>As you can see in the messages, I've found a contact to Ireland.
>Today there where as small signal at every 5kHz. The signal growed at 16 UTC.
>I've turn off every equippment in my house, including fridge and Oil-heating. No
>success. Is it possible to attache certain filter to the input of a SID?
>
>Jean-Pierre
>
>--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...>
>wrote:
>>
>> Since we can not detect SID's after sunset, we are usually not too concerned

>>about the night time signal.Â You can add a couple of these frequencies to your
>>config file, give them call _sign of test1 and test2.Â Then plot them and see
>>if you can tell where the signal is coming from by the time of day or night they
>>peak.Â
>>
>> Â
>> Lots of things can give off radio frequencies (RF) that are "noise" to the
>>SuperSID- fluorescent lights, dimmer switches, power equipment, generators,
>>microwaves, just to name a few.Â Sometimes equipment that never was a problem
>>starts to go bad electronically before it stops working and in the meantime it
>>puts out RF noise.
>> Â
>> If you have electronic equipment near the antenna, try shutting one piece off
>>at a time and then watch your spectrum to see if there is a change.Â NOTE- the
>>SuperSID lags in displaying changes by 10 to 20 seconds, so give it time to
>>settle.
>> Â
>> We have a group set up to discuss VLF noise issues.Â You can join this by
>>going to http://tech.groups.yahoo.com/group/VLF_Noise_Red/
>> Â
>> Bill & Melinda Lord
>> www.tnSkyNet.com
>> www.radio-astronomy.org
>>
>> Light travels faster than sound. This is why some people appear bright until
>>you hear them speak. :-)
>>
>> --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:
>>
>>
>> From: Jean-pierre Bolengo <jpbolengo@...>
>> Subject: Re: [Super_SID] Strange Signal (Newbee in Europe) [1 Attachment]
>> To: Super_SID@yahoogroups.com
>> Date: Sunday, March 13, 2011, 1:11 PM
>>
>>
>> Â
>>
>>
>> [Attachment(s) from Jean-pierre Bolengo included below]
>>
>>
>> Hi Bill and Melinda
>> I've found out, that after Sunset I get interfrences every 5kHz. Have you any
>>idea, what kind of source that can be?
>> Attached an actuel screenshot.
>>
>>
>>
>>

>>
>>
>> From: WILLIAM & MELINDA LORD <ap_guardian@...>
>> To: Super_SID@yahoogroups.com
>> Sent: Sun, March 13, 2011 3:37:22 PM
>> Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)
>>
>> Â
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>>
>> Hi Jean-Pierre,
>> Can you post or send us a screen shot of your spectrum as you collect data and
>>one of your plots?
>>
>> Bill & Melinda Lord
>> www.tnSkyNet.com
>> www.radio-astronomy.org
>>
>> Light travels faster than sound. This is why some people appear bright until
>>you hear them speak. :-)
>>
>> --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:
>>
>>
>> From: Jean-pierre Bolengo <jpbolengo@...>
>> Subject: [Super_SID] Strange Signal (Newbee in Europe)
>> To: Super_SID@yahoogroups.com
>> Date: Sunday, March 13, 2011, 6:32 AM
>>
>>
>> Â
>>
>> Hello
>> I've been collecting data since a halfe week. My strange signal is much higher
>>during daytime than during nighttime. Have you any idee?
>> Jean-Pierre
>>
>
>

510. Re: [Super_SID] VLF antenna angle

Yahoo group: Super_SID
Date: 2011-03-16 15:51:53 UTC
From: Nicholas Gross
Topic: 508 Message: 510
Attachments: 1 described; binary payloads are missing from this source WARC

Lata,
You most likely will have to do some tuning where you put the antenna in place and then rotate it until your signal strength is the highest. I am no antenna expert, but the basic theory is simple. Based on geography, figure out the rough direction from the antenna location to the transmitter. When you set the antenna in place, the loop should be vertical and the plane of the loop should be pointed in the direction of the transmitter (the normal vector of the plane should be perpendicular to the direction of the transmitter). The VLF magnetic field is pointed perpendicular to the line of travel of the wave so you want as much field as possible passing through the loop. Once you have it set roughly, try rotating it to maximize the signal strength. If you are working with students, it could be a good project for them to rotate the antenna in a systematic way and take careful measurements of the signal strength in each position to maximize the signal strength.

Of course, you should keep in mind that if you are using a SuperSID and you are tracking multiple transmitters, then you will not be able to optimize them all at the same time. You may be able to get a nice average going or you can optimize for one and let the others fall where they may.

If someone has any other suggestions or corrections please let me know.

Best Regards,
Nick

On 3/15/11 9:00 PM, lataox wrote:
> Hi, all;
>
> I am new to VLF SID. Now I am building VLF antenna, but I have a question that hwo to set up an antenna.
>
> For a spceific VLF transmitter station, what is suitable ?
> such as inclination angle, azimuth angle.
>
> thanks and best wishes.
>
> lata
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links

>
>
>

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

511. Re: [Super_SID] Re: Strange Signal (Newbee in Europe) [1 Attachment]

Yahoo group: Super_SID
Date: 2011-03-17 13:42:53 UTC
From: WILLIAM & MELINDA LORD
Topic: 484 Message: 511

Hi Jean-Pierre,
It is noisy, but I think you will be able to detect SID's. You can look at http://sid.stanford.edu/database-browser/browse.jsp?date=2011-03-15T00.00.00 to see what other stations are plotting daily. You can post your data by going into your config file and changing automatic_upload = no to yes

If you can find the noise and reduce the noise it will be easier to see the SID's.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 3/16/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

From: Jean-pierre Bolengo <jpbolengo@...>
Subject: Re: [Super_SID] Re: Strange Signal (Newbee in Europe) [1 Attachment]
To: Super_SID@yahoogroups.com
Date: Wednesday, March 16, 2011, 2:53 AM

[Attachment(s) from Jean-pierre Bolengo included below]

Hello Bill and Melinda
Attached you will finde my first 24h graph. Is this good engouh for a measurement?
Jean-Pierre

From: WILLIAM & MELINDA LORD <ap_guardian@...>
To: Super_SID@yahoogroups.com
Sent: Mon, March 14, 2011 8:58:17 PM
Subject: Re: [Super_SID] Re: Strange Signal (Newbee in Europe)

We do not have any filters that we have come up with at this time. We are trying shielding of the antenna, but have not determined this improves the signal.

Have you plotted any of your data? Even though you have a noise source, you might still have a signal from a station that is not affected by the noise.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Mon, 3/14/11, Jean-pierre Bolengo <jpbolengo@yahoo.com> wrote:

From: Jean-pierre Bolengo <jpbolengo@...>
Subject: [Super_SID] Re: Strange Signal (Newbee in Europe)
To: Super_SID@yahoogroups.com
Date: Monday, March 14, 2011, 11:12 AM

Hello Bill & Melinda
As you can see in the messages, I've found a contact to Ireland.
Today there where as small signal at every 5kHz. The signal growed at 16 UTC. I've turn off every equippment in my house, including fridge and Oil-heating. No success. Is it possible to attache certain filter to the input of a SID?

Jean-Pierre

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Since we can not detect SID's after sunset, we are usually not too concerned about the night time signal.Â You can add a couple of these frequencies to your config file, give them call _sign of test1 and test2.Â Then plot them and see if you can tell where the signal is coming from by the time of day or night they peak.Â
> Â
> Lots of things can give off radio frequencies (RF) that are "noise" to the SuperSID- fluorescent lights, dimmer switches, power equipment, generators, microwaves, just to name a few.Â Sometimes equipment that never was a problem starts to go bad electronically before it stops working and in the meantime it puts out RF noise.
> Â
> If you have electronic equipment near the antenna, try shutting one piece off at a time and then watch your spectrum to see if there is a change.Â NOTE- the SuperSID lags in displaying changes by 10 to 20 seconds, so give it time to settle.
> Â
> We have a group set up to discuss VLF noise issues.Â You can join this by going to http://tech.groups.yahoo.com/group/VLF_Noise_Red/
> Â
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:
>
>
> From: Jean-pierre Bolengo <jpbolengo@...>
> Subject: Re: [Super_SID] Strange Signal (Newbee in Europe) [1 Attachment]
> To: Super_SID@yahoogroups.com
> Date: Sunday, March 13, 2011, 1:11 PM
>
>
> Â
>
>
> [Attachment(s) from Jean-pierre Bolengo included below]

>
>
> Hi Bill and Melinda
> I've found out, that after Sunset I get interfrences every 5kHz. Have you any idea, what kind of source that can be?
> Attached an actuel screenshot.
>
>
>
>
>
>
> From: WILLIAM & MELINDA LORD <ap_guardian@...>
> To: Super_SID@yahoogroups.com
> Sent: Sun, March 13, 2011 3:37:22 PM
> Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)
>
> Â
>
>
>
>
>
>
> Hi Jean-Pierre,
> Can you post or send us a screen shot of your spectrum as you collect data and one of your plots?
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@...> wrote:
>
>
> From: Jean-pierre Bolengo <jpbolengo@...>
> Subject: [Super_SID] Strange Signal (Newbee in Europe)
> To: Super_SID@yahoogroups.com
> Date: Sunday, March 13, 2011, 6:32 AM
>
>
> Â
>
> Hello
> I've been collecting data since a halfe week. My strange signal is much higher during daytime than during nighttime. Have you any idee?
> Jean-Pierre

>

512. Super Moon,

Yahoo group: Super_SID
Date: 2011-03-19 17:00:04 UTC
From: DIVYADARSHAN PUROHIT
Topic: 512 Message: 512
Attachments: 5 described; binary payloads are missing from this source WARC

Dear Friends,
**
Amazing super moon is going on in the Sky above the Gurudev obaservatory,Vadodara,India.No words to describe the feelings.Only just Superb,wow,incredible.
**
Media has spread the events to millions & millions of Indians & so all are exited all over country.
**
Pl.find here with some files regarding the Extreme Super Moon.(Perigee is just a one hour earlier than full moon).In these ....File no.
**
1 & 2 Shows my live interview with TV Channel.You can watch on you tube under name TV9Gujarati.
**
3 to 8 shows Super moon (a) at horizon in earth shadow & above it is Venus belt,(2) Moon at 25degree (3) Moon at Perigee point i.e.19:08 UT (12:38 IST)
**
9 shows press notes.
**
10 shows Sunset at the night of Super Moon ,sun is setting b/h the antenna structure of Radio Jove of NASA,granted by SARA.
**
Coincidentally we Indians are enjoying HolikaDahan parva,a sacred fire is being carried out all over India for peace,prosperity,safety of country & planet etc..I am surprised that Super Moon just watching the ceremony & people are watching the Super Moon.Tomorrow people will enjoy Dhuleti i.e festival of Colour.
**
So happy holly & festival of Colours,may Almighty fulfill your life with colours of happiness,wealth & health.
**
Enjoy Super Moon.
**
with regards,
*DDPurohit

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
*

513. Radiation remedy for Japan,going to proved ,

Yahoo group: Super_SID
Date: 2011-03-22 16:26:06 UTC
From: DIVYADARSHAN PUROHIT
Topic: 513 Message: 513
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Friends,
* *
Japan has seen devastating calamity of nature.According to my sister Dr.Niharika Purohit 5 elements of the nature has created problem.(1)Earth-earth quack.(2)Water -Tsunami(3)Wind-spread the radiation(4)Fire-Makes fire in cities & towns.(5)Sky-Spoiled the ether.
* *
Every thing has destroyed the area,but radiation is the most dangerous factor as you aware.It might spread to the surrounding areas also.
**
We have presents our vision on result oriental remedy for radiation & i.e. A Sacred Fire,Yagya,Havan,Agnihotra to the JAXA, International community of scientists & media.
**
I firmly believe and as per my experience the Molecules of gases created by Combustion of cow dungs,cow urine,cow milk,cow ghee,dry twigs of some special trees & a special mixtures known as Hawan Samagri,prepared from some herbal plants helps to reduce/control the radiation.Please find some details about this in attached paper.Pl.feel free to have more details about the attached file & its matter.
**
You all will be pleased to know that almighty wants some good.Japan officials has requested the President of AWGP & VC of DSVV Dr.Pranav Pandya to give some details about the procedure,special mixture,chants for the sacred fire ,The Yagya, to them so they can use at the effected areas of Japan.
**
*You may find this in brief (It is in Hindi ,The national language of India) at
**http://www.ustream.tv/recorded/13424453*<http://www.ustream.tv/recorded/13424453>
.
**
A new door of Hope for not only victims of Japan but for all over the world has been opened to fight with this type of would be disaster in future.If this experience would be proven than it will be a mile stone in the history & will be the one of the best research for human kind.Your help,suggestions,will be highly appreciated.
**
We also want some radiation detector for temporary to check the results if any institutes are wants to provide we will be obliged.
**
with best regards,
DDPurohit
*--

Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
*

514. About Super-SID yahoo group.

Yahoo group: Super_SID
Date: 2011-03-23 14:16:40 UTC
From: drsaguirre
Topic: 514 Message: 514

Hi everyone.

please, send only information about superSID..o news about space weather :-)

Other notes in other groups. :-)

to remember:

""This group is for students, teachers and anyone interested in Very Low Frequency (VLF) radio astronomy using the Stanford/SARA (Society of Amateur Radio Astronomers) SuperSID (Sudden Ionospheric Disturbances) receiver. Group members are invited to share their observations and use the site to increase their understanding of space weather""

Salvador.

515. SuperSID Signal Stays the Same

Yahoo group: Super_SID
Date: 2011-03-24 19:27:11 UTC
From: Rob Steenburgh
Topic: 515 Message: 515

Hello Group:

I'm a brand new SuperSID user, having recently completed my antenna. The bad news is, I can't seem to receive any VLF stations. In fact, the signal never seems to change much with the preamp and antenna connected, the antenna disconnected, or all components disconnected. That doesn't sound right. I tested the continuity of my antenna and coax and found both to be good - no shorts in the coax or open circuit in the antenna. So I'm stumped.

I've tried relocating the antenna in and outside of my house and seen some changes in low frequency noise levels. In hopes of obtaining a better signal, I took the unit to my workplace at the Space Weather Prediction Center, but still didn't have any luck.

I've attached a pdf file with examples of my signal reception along with a picture of my antenna and a copy of my configuration file.

I'm running the software on an ACER Aspire One netbook 1.6 GHz Atom processor running Windows XP, SP3. My audio is Realtek HD Audio with driver 5.10.0.5628.

I have access to some basic electronic test equipment.

Any help would be appreciated.

Rob

516. And now, the attachment...

Yahoo group: Super_SID
Date: 2011-03-24 19:29:06 UTC
From: Rob Steenburgh
Topic: 516 Message: 516
Attachments: 1 described; binary payloads are missing from this source WARC

Reference my earlier post:

Here are the images of my SuperSID signal output, configuration file and antenna photo.

Rob

517. Re: [Super_SID] And now, the attachment... [1 Attachment]

Yahoo group: Super_SID
Date: 2011-03-24 20:00:14 UTC
From: WILLIAM & MELINDA LORD
Topic: 516 Message: 517

Hi Rob,

If the coax and antenna have good continuity, then it is probably an issue with the sound card.

Sometimes you have to disable the built in laptop microphone (the one that picks up when you talk at the computer)

Are you plugged into line-in or microphone? In the control panel> audio settings, does your setting match line-in or microphone in?

Can you go to device control and set the sampling/record rate at 96000 hz?

When we use the SuperSID (SSID) on our laptop, we have to use the microphone in. Try it both ways. The SSID program lags a bit, so give it a minute to see any changes.

Your config file looks OK.

Bill & Melinda Lord

www.tnSkyNet.com

www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Thu, 3/24/11, Rob Steenburgh <rasteenb@...> wrote:

From: Rob Steenburgh <rasteenb@...>
Subject: [Super_SID] And now, the attachment... [1 Attachment]
To: "SUPERSID" <Super_SID@yahoogroups.com>
Date: Thursday, March 24, 2011, 2:29 PM

[Attachment(s) from Rob Steenburgh included below]

Reference my earlier post:

Here are the images of my SuperSID signal output, configuration file and antenna photo.

Rob

518. No Stanford data recently

Yahoo group: Super_SID
Date: 2011-03-25 08:19:14 UTC
From: damiangotch
Topic: 518 Message: 518

Hi all,
Does anyone know why the Stanford web site has no data after the 21st March?

Regards,
Damian

519. Re: [Super_SID] No Stanford data recently--some supersid devices don't work correctly?

Yahoo group: Super_SID
Date: 2011-03-25 08:41:04 UTC
From: lataox lataox
Topic: 518 Message: 519

Hi, Damian,

The Stanford data is OK. I can find them, but some data isn't good. The sunrise and sunset effect can't

to be seen. I think some supersid devices don't work correctly. Maybe it is caused by antenna and sound

card.

lata

From: damiangotch <damiangotch@...>
To: Super_SID@yahoogroups.com
Sent: Fri, March 25, 2011 4:19:14 PM
Subject: [Super_SID] No Stanford data recently

Hi all,
Does anyone know why the Stanford web site has no data after the 21st March?

Regards,
Damian

520. SUPERSID DATA FROM KOLKATA, INDIA.

Yahoo group: Super_SID
Date: 2011-03-25 06:07:04 UTC
From: sujay
Topic: 520 Message: 520

Hi All,

I am new to the supersid and I'm collecting data with Compaq Presario B1900 laptop. Therefore I am able to receive VLF signal up to 22 kHz. I am attaching the spectrogram along with a full day data of NWC signal.

Can I detect SID by this kind of signal reception? I am not sure about the source of the strongest signal (15 kHz) throughout the day. Do any one have any idea ?

How can I improve signal-to-noise ratio ? Should I go for a bigger antenna or electrically shielded antenna ?

Thanks and Regards,
Sujay Pal
SNBNCBS, Kolkata, India.

521. Attachment with reference to my earlier post: SUPERSID DATA FROM KOLKATA, INDIA.

Yahoo group: Super_SID
Date: 2011-03-25 06:24:54 UTC
From: •═●•ک̀ùjáý●•═•
Topic: 521 Message: 521
Attachments: 1 described; binary payloads are missing from this source WARC

```
Hi,

This is the attachment with reference to my post.

Thanks and Regards,
Sujay Pal
SNBNCBS, Kolkata, India.

--
ॐک̀újáý pálॐ
ミ★sηвη¢вs, κσℓκατα★ 彡
```

522. Re: [Super_SID] No Stanford data recently

Yahoo group: Super_SID
Date: 2011-03-25 15:34:57 UTC
From: Deborah Scherrer
Topic: 518 Message: 522

Oops, sorry. It'll be fixed in a few minutes...

Deborah

On 3/25/2011 1:19 AM, damiangotch wrote:
> Hi all,
> Does anyone know why the Stanford web site has no data after the 21st March?
>
> Regards,
> Damian
>
>

523. Re: No Stanford data recently

Yahoo group: Super_SID
Date: 2011-03-25 18:17:23 UTC
From: damiangotch
Topic: 518 Message: 523

Thanks Deborah, all good now, at least you know we are looking at it :-)
Regards,
Damian
--- In Super_SID@yahoogroups.com, Deborah Scherrer <dscherrer@...> wrote:
>
> Oops, sorry. It'll be fixed in a few minutes...
>
> Deborah
>
> On 3/25/2011 1:19 AM, damiangotch wrote:
> > Hi all,
> > Does anyone know why the Stanford web site has no data after the 21st March?
> >
> > Regards,
> > Damian
> >
> >
>

524. Re: [Super_SID] No Stanford data recently--some supersid devices don't work correctly?

Yahoo group: Super_SID
Date: 2011-03-26 00:34:00 UTC
From: Deborah Scherrer
Topic: 518 Message: 524

Yes, we have noticed more bad data with the SuperSIDs than the
regular SIDs. Dave Benham and Scott Winegarden are working
on ways to automatically evaluate data. However, what we
really need is someone to contact those with bad data and
see if they can help fix it up. Alas, Stanford doesn't
have the staff to do that.

Would any of you be willing to help other users clean up
their data?

Deborah Scherrer

On 3/25/2011 1:41 AM, lataox lataox wrote:
> Hi, Damian,
> The Stanford data is OK. I can find them, but some data isn't good. The
> sunrise and sunset effect can't
> to be seen. I think some supersid devices don't work correctly. Maybe it
> is caused by antenna and sound
> card.
> lata
>
> ---
> *From:* damiangotch <damiangotch@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Fri, March 25, 2011 4:19:14 PM
> *Subject:* [Super_SID] No Stanford data recently
>
> Hi all,
> Does anyone know why the Stanford web site has no data after the 21st March?
>
> Regards,
> Damian
>
>
>

525. RE: [Super_SID] No Stanford data recently--some supersid devices don't work correctly?

Yahoo group: Super_SID
Date: 2011-03-26 00:51:03 UTC
From: Michael Rudolph
Topic: 518 Message: 525
Attachments: 2 described; binary payloads are missing from this source WARC

Debbie,

By bad data, do you mean not seeing events that have occurred or sunrise/sunset patterns? If so, I confess that I have contributed to it by monitoring two frequencies that rarely produce anything, whereas two of the frequencies I monitor do. I can easily stop monitoring the two bad ones if that will help. I just assumed that anyone looking at the charts would recognize them for what they are and ignore them.

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Deborah Scherrer
Sent: Friday, March 25, 2011 8:34 PM
To: Super_SID@yahoogroups.com
Cc: lataox lataox
Subject: Re: [Super_SID] No Stanford data recently--some supersid devices don't work correctly?

Yes, we have noticed more bad data with the SuperSIDs than the
regular SIDs. Dave Benham and Scott Winegarden are working
on ways to automatically evaluate data. However, what we
really need is someone to contact those with bad data and
see if they can help fix it up. Alas, Stanford doesn't
have the staff to do that.

Would any of you be willing to help other users clean up
their data?

Deborah Scherrer

On 3/25/2011 1:41 AM, lataox lataox wrote:
> Hi, Damian,
> The Stanford data is OK. I can find them, but some data isn't good. The
> sunrise and sunset effect can't
> to be seen. I think some supersid devices don't work correctly. Maybe it
> is caused by antenna and sound
> card.
> lata
>
> --
> *From:* damiangotch <damiangotch@... <mailto:damiangotch%40yahoo.co.uk> >
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> *Sent:* Fri, March 25, 2011 4:19:14 PM
> *Subject:* [Super_SID] No Stanford data recently

>
> Hi all,
> Does anyone know why the Stanford web site has no data after the 21st March?
>
> Regards,
> Damian
>
>
>

526. Re: [Super_SID] No Stanford data recently--some supersid devices don't work correctly?

Yahoo group: Super_SID
Date: 2011-03-26 01:00:35 UTC
From: Deborah Scherrer
Topic: 518 Message: 526

Michael, I suspect that your couple additional stations are
not the primary causes of "bad data". ;-) But we are addressing that
issue by allowing the user to designate which station data
to send to Stanford and which not to.

What I am primarily referring to is data that do not show the clear
sunrise and sunset patterns. Or data that do show these but
have so much noise that the signal is hard to track.
Dave Benham has a group that is working on the noise issue. I also
see a lot of erratic data, where some if fine but then
some is not. Have no idea what's causing that.

The other curious thing I've noticed, which may be just
an anomaly, is that many sites that appear to have reasonable
data are not picking up flares that they should be. Not
sure what that might mean.

Stanford has nobody to look into these issues nor work with
users to clean up their data. But a lot of you are quite
experienced and could probably help significantly. If
someone could get a group organized to do this, it would
probably help the community a great deal!

All the group would need from us is contact information on
the sites. I have the info for the original sites. Bill and
Melinda Lord have the contacts for the SuperSIDs. However,
as you may have noticed, many sites change their site names
and even monitor IDs, or do not give their IDs at all. In this
case we have no way to determine who those sites are.

Debbie

On 3/25/2011 5:51 PM, Michael Rudolph wrote:
> *Debbie,*
>
> **
>
> *By bad data, do you mean not seeing events that have occurred or
> sunrise/sunset patterns? If so, I confess that I have contributed to it
> by monitoring two frequencies that rarely produce anything, whereas two
> of the frequencies I monitor do. I can easily stop monitoring the two
> bad ones if that will help. I just assumed that anyone looking at the
> charts would recognize them for what they are and ignore them.*
>
> **

>
> *Michael*
>
> **
>
> *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] *On
> Behalf Of *Deborah Scherrer
> *Sent:* Friday, March 25, 2011 8:34 PM
> *To:* Super_SID@yahoogroups.com
> *Cc:* lataox lataox
> *Subject:* Re: [Super_SID] No Stanford data recently--some supersid
> devices don't work correctly?
>
> Yes, we have noticed more bad data with the SuperSIDs than the
> regular SIDs. Dave Benham and Scott Winegarden are working
> on ways to automatically evaluate data. However, what we
> really need is someone to contact those with bad data and
> see if they can help fix it up. Alas, Stanford doesn't
> have the staff to do that.
>
> Would any of you be willing to help other users clean up
> their data?
>
> Deborah Scherrer
>
> On 3/25/2011 1:41 AM, lataox lataox wrote:
> > Hi, Damian,
> > The Stanford data is OK. I can find them, but some data isn't good. The
> > sunrise and sunset effect can't
> > to be seen. I think some supersid devices don't work correctly. Maybe it
> > is caused by antenna and sound
> > card.
> > lata
> >
> > ---
> > *From:* damiangotch <damiangotch@...
> <mailto:damiangotch%40yahoo.co.uk>>
> > *To:* Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> > *Sent:* Fri, March 25, 2011 4:19:14 PM
> > *Subject:* [Super_SID] No Stanford data recently
> >
> > Hi all,
> > Does anyone know why the Stanford web site has no data after the 21st
> March?
> >
> > Regards,
> > Damian
> >
> >
> >

>
>

527. RE: [Super_SID] No Stanford data recently--some supersid devices don't work correctly?

Yahoo group: Super_SID
Date: 2011-03-26 01:23:00 UTC
From: Michael Rudolph
Topic: 518 Message: 527
Attachments: 2 described; binary payloads are missing from this source WARC

Thank you Debbie,

I will remove my bad stations from the config file. Will that keep Stanford from getting them?

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Deborah Scherrer
Sent: Friday, March 25, 2011 9:01 PM
To: Super_SID@yahoogroups.com
Cc: Michael Rudolph
Subject: Re: [Super_SID] No Stanford data recently--some supersid devices don't work correctly?

Michael, I suspect that your couple additional stations are
not the primary causes of "bad data". ;-) But we are addressing that
issue by allowing the user to designate which station data
to send to Stanford and which not to.

What I am primarily referring to is data that do not show the clear
sunrise and sunset patterns. Or data that do show these but
have so much noise that the signal is hard to track.
Dave Benham has a group that is working on the noise issue. I also
see a lot of erratic data, where some if fine but then
some is not. Have no idea what's causing that.

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an anomaly, is that many sites that appear to have reasonable
data are not picking up flares that they should be. Not
sure what that might mean.

Stanford has nobody to look into these issues nor work with
users to clean up their data. But a lot of you are quite
experienced and could probably help significantly. If
someone could get a group organized to do this, it would
probably help the community a great deal!

All the group would need from us is contact information on
the sites. I have the info for the original sites. Bill and
Melinda Lord have the contacts for the SuperSIDs. However,
as you may have noticed, many sites change their site names
and even monitor IDs, or do not give their IDs at all. In this
case we have no way to determine who those sites are.

Debbie

On 3/25/2011 5:51 PM, Michael Rudolph wrote:
> *Debbie,*
>
> **
>
> *By bad data, do you mean not seeing events that have occurred or
> sunrise/sunset patterns? If so, I confess that I have contributed to it
> by monitoring two frequencies that rarely produce anything, whereas two
> of the frequencies I monitor do. I can easily stop monitoring the two
> bad ones if that will help. I just assumed that anyone looking at the
> charts would recognize them for what they are and ignore them.*
>
> **
>
> *Michael*
>
> **
>
> *From:*Super_SID@yahoogroups.com <mailto:%2ASuper_SID%40yahoogroups.com>
[mailto:Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>] *On
> Behalf Of *Deborah Scherrer
> *Sent:* Friday, March 25, 2011 8:34 PM
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> *Cc:* lataox lataox
> *Subject:* Re: [Super_SID] No Stanford data recently--some supersid
> devices don't work correctly?
>
> Yes, we have noticed more bad data with the SuperSIDs than the
> regular SIDs. Dave Benham and Scott Winegarden are working
> on ways to automatically evaluate data. However, what we
> really need is someone to contact those with bad data and
> see if they can help fix it up. Alas, Stanford doesn't
> have the staff to do that.
>
> Would any of you be willing to help other users clean up
> their data?
>
> Deborah Scherrer
>
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> > Hi, Damian,
> > The Stanford data is OK. I can find them, but some data isn't good. The
> > sunrise and sunset effect can't
> > to be seen. I think some supersid devices don't work correctly. Maybe it
> > is caused by antenna and sound
> > card.
> > lata
> >
> > --

> > *From:* damiangotch <damiangotch@... <mailto:damiangotch%40yahoo.co.uk>
> <mailto:damiangotch%40yahoo.co.uk>>
> > *To:* Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
<mailto:Super_SID%40yahoogroups.com>
> > *Sent:* Fri, March 25, 2011 4:19:14 PM
> > *Subject:* [Super_SID] No Stanford data recently
> >
> > Hi all,
> > Does anyone know why the Stanford web site has no data after the 21st
> March?
> >
> > Regards,
> > Damian
> >
> >
> >
>
>

528. Re: [Super_SID] No Stanford data recently--some supersid devices don't work correctly?

Yahoo group: Super_SID
Date: 2011-03-26 01:24:14 UTC
From: Deborah Scherrer
Topic: 518 Message: 528

Yep, that will do it!

Thanks.
Debbie

On 3/25/2011 6:23 PM, Michael Rudolph wrote:

Thank you Debbie,

I will remove my bad stations from the config file. Will that keep Stanford from getting them?

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Deborah Scherrer
Sent: Friday, March 25, 2011 9:01 PM
To: Super_SID@yahoogroups.com
Cc: Michael Rudolph
Subject: Re: [Super_SID] No Stanford data recently--some supersid devices don't work correctly?

Michael, I suspect that your couple additional stations are
not the primary causes of "bad data". ;-) But we are addressing that
issue by allowing the user to designate which station data
to send to Stanford and which not to.

What I am primarily referring to is data that do not show the clear
sunrise and sunset patterns. Or data that do show these but
have so much noise that the signal is hard to track.
Dave Benham has a group that is working on the noise issue. I also
see a lot of erratic data, where some if fine but then
some is not. Have no idea what's causing that.

The other curious thing I've noticed, which may be just
an anomaly, is that many sites that appear to have reasonable
data are not picking up flares that they should be. Not
sure what that might mean.

Stanford has nobody to look into these issues nor work with
users to clean up their data. But a lot of you are quite
experienced and could probably help significantly. If
someone could get a group organized to do this, it would
probably help the community a great deal!

All the group would need from us is contact information on
the sites. I have the info for the original sites. Bill and
Melinda Lord have the contacts for the SuperSIDs. However,
as you may have noticed, many sites change their site names
and even monitor IDs, or do not give their IDs at all. In this
case we have no way to determine who those sites are.

Debbie

On 3/25/2011 5:51 PM, Michael Rudolph wrote:
> *Debbie,*
>
> **
>
> *By bad data, do you mean not seeing events that have occurred or
> sunrise/sunset patterns? If so, I confess that I have contributed to it
> by monitoring two frequencies that rarely produce anything, whereas two
> of the frequencies I monitor do. I can easily stop monitoring the two
> bad ones if that will help. I just assumed that anyone looking at the
> charts would recognize them for what they are and ignore them.*
>
> **
>
> *Michael*
>
> **
>
> *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] *On
> Behalf Of *Deborah Scherrer
> *Sent:* Friday, March 25, 2011 8:34 PM
> *To:* Super_SID@yahoogroups.com
> *Cc:* lataox lataox
> *Subject:* Re: [Super_SID] No Stanford data recently--some supersid
> devices don't work correctly?
>
> Yes, we have noticed more bad data with the SuperSIDs than the
> regular SIDs. Dave Benham and Scott Winegarden are working
> on ways to automatically evaluate data. However, what we
> really need is someone to contact those with bad data and
> see if they can help fix it up. Alas, Stanford doesn't
> have the staff to do that.
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> Would any of you be willing to help other users clean up
> their data?
>
> Deborah Scherrer
>
> On 3/25/2011 1:41 AM, lataox lataox wrote:
> > Hi, Damian,
> > The Stanford data is OK. I can find them, but some data isn't good. The
> > sunrise and sunset effect can't
> > to be seen. I think some supersid devices don't work correctly. Maybe it

> > is caused by antenna and sound
> > card.
> > lata
> >
> > ---
> > *From:* damiangotch <damiangotch@...
> >
> > *To:* Super_SID@yahoogroups.com
> > *Sent:* Fri, March 25, 2011 4:19:14 PM
> > *Subject:* [Super_SID] No Stanford data recently
> >
> > Hi all,
> > Does anyone know why the Stanford web site has no data after the 21st
> March?
> >
> > Regards,
> > Damian
> >
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> >
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>

529. SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-26 16:50:16 UTC
From: rasteenb
Topic: 516 Message: 529

Hi Bill and Melinda,

Thanks for the tips. I think it boils down to a sound card issue so I will get a known 96kHz card for my desktop.

Some questions I have for you and/or the group:

1. Is the most recent SuperSID software down-loadable from anywhere? I can copy it over to the other machine from my laptop if needed; I cant find my CDROM.

2. Is it possible to run SuperSID under Linux? Is there a binary, or source that could be compiled? Can it be run using WINE?

Although I have Win XP on my desktop, it can't connect to the internet. Linux can and I run that almost exclusively.

Thanks,
Rob

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Hi Rob,
>
> If the coax and antenna have good continuity, then it is probably an issue with the sound card.
>
> Sometimes you have to disable the built in laptop microphone (the one that picks up when you talk at the computer)
>
> Are you plugged into line-in or microphone?Â In the control panel> audio settings, does your setting match line-inÂ or microphone in?
>
> Can you go to device control and set the sampling/record rate at 96000 hz?
>
> When we use the SuperSID (SSID) on our laptop, we have to use the microphone in.Â Try it both ways.Â The SSID program lags a bit, so give it a minute to see any changes.
>
> Your config file looks OK.
>
> Bill & Melinda Lord
>
> www.tnSkyNet.com
>
> www.radio-astronomy.org
>
>
>

> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Thu, 3/24/11, Rob Steenburgh <rasteenb@...> wrote:
>
> From: Rob Steenburgh <rasteenb@...>
> Subject: [Super_SID] And now, the attachment... [1 Attachment]
> To: "SUPERSID" <Super_SID@yahoogroups.com>
> Date: Thursday, March 24, 2011, 2:29 PM
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>
> [Attachment(s) from Rob Steenburgh included below]
>
>
> Reference my earlier post:
>
> Here are the images of my SuperSID signal output, configuration file and antenna photo.
>
> Rob
>

530. Re: [Super_SID] SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-26 17:00:58 UTC
From: WILLIAM & MELINDA LORD
Topic: 516 Message: 530

Hi Rob,

Here is the link to the software
http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/ It is a pain to download. We an send another disk if you want.

The program does not work on Linux or WINE. We have a software committee making upgrades to the software that has been requested by users. I do not know if we have had many requests for Linux.

You can get an external soundcard for the laptop. Here is a card that will work
http://us.store.creative.com/Creative-Sound-Blaster-XFi-Surround-5.1/M/B0044DEDCA.htm

Bill & Melinda Lord

www.tnSkyNet.com

www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sat, 3/26/11, rasteenb <rasteenb@...> wrote:

From: rasteenb <rasteenb@...>
Subject: [Super_SID] SuperSID Software & Linux?
To: Super_SID@yahoogroups.com
Date: Saturday, March 26, 2011, 11:50 AM

Hi Bill and Melinda,

Thanks for the tips. I think it boils down to a sound card issue so I will get a known 96kHz card for my desktop.

Some questions I have for you and/or the group:

1. Is the most recent SuperSID software down-loadable from anywhere? I can copy it over to the other machine from my laptop if needed; I cant find my CDROM.

2. Is it possible to run SuperSID under Linux? Is there a binary, or source that could be compiled? Can it be run using WINE?

Although I have Win XP on my desktop, it can't connect to the internet. Linux can and I run that almost exclusively.

Thanks,

Rob

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

>

> Hi Rob,

>

> If the coax and antenna have good continuity, then it is probably an issue with the sound card.

>

> Sometimes you have to disable the built in laptop microphone (the one that picks up when you talk at the computer)

>

> Are you plugged into line-in or microphone?Â In the control panel> audio settings, does your setting match line-inÂ or microphone in?

>

> Can you go to device control and set the sampling/record rate at 96000 hz?

>

> When we use the SuperSID (SSID) on our laptop, we have to use the microphone in.Â Try it both ways.Â The SSID program lags a bit, so give it a minute to see any changes.

>

> Your config file looks OK.

>

> Bill & Melinda Lord

>

> www.tnSkyNet.com

>

> www.radio-astronomy.org

>

>

>

> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

>

> --- On Thu, 3/24/11, Rob Steenburgh <rasteenb@...> wrote:

>

> From: Rob Steenburgh <rasteenb@...>

> Subject: [Super_SID] And now, the attachment... [1 Attachment]

> To: "SUPERSID" <Super_SID@yahoogroups.com>

> Date: Thursday, March 24, 2011, 2:29 PM

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> [Attachment(s) from Rob Steenburgh included below]

>

>

> Reference my earlier post:

>

> Here are the images of my SuperSID signal output, configuration file and antenna photo.

>

> Rob

>

531. Re: No Stanford data recently--some supersid devices don't work correctly?

Yahoo group: Super_SID
Date: 2011-03-26 17:01:58 UTC
From: damiangotch
Topic: 518 Message: 531

Hi Debbie,
Yes I have noticed that some of the newer monitors are not producing meaningful data and that this is making viewing the plots more difficult. I would be happy to assist users in fixing their sites.
We have had the UK-Baildon site running for many months now and the data has been fantastic, we built our own SuperSID preamplifier to your design which works extremely well. It is great to see the data from various sites tracking so well. I agree it is odd that occasionaly some plots do not show significant transients for some events but do on others I am planning a talk at the local Astronomy group so have been logging the recent flares and comparing all the data and am going to try to get a better idea how the locations and frequencies impact the transients. Have you done any analysis like this?
Another issue I posted on earlier is that the transmitter codes are not always relating to the same frequencies. This may be due to various different lists of identifiers. It would be good if the identifier was tagged directly from the frequency at Stanford to avoid confusion.
Best regards,
Damian Gotch
--- In Super_SID@yahoogroups.com, Deborah Scherrer <dscherrer@...> wrote:
>
> Michael, I suspect that your couple additional stations are
> not the primary causes of "bad data". ;-) But we are addressing that
> issue by allowing the user to designate which station data
> to send to Stanford and which not to.
>
> What I am primarily referring to is data that do not show the clear
> sunrise and sunset patterns. Or data that do show these but
> have so much noise that the signal is hard to track.
> Dave Benham has a group that is working on the noise issue. I also
> see a lot of erratic data, where some if fine but then
> some is not. Have no idea what's causing that.
>
> The other curious thing I've noticed, which may be just
> an anomaly, is that many sites that appear to have reasonable
> data are not picking up flares that they should be. Not
> sure what that might mean.
>
> Stanford has nobody to look into these issues nor work with
> users to clean up their data. But a lot of you are quite
> experienced and could probably help significantly. If
> someone could get a group organized to do this, it would
> probably help the community a great deal!
>
> All the group would need from us is contact information on
> the sites. I have the info for the original sites. Bill and
> Melinda Lord have the contacts for the SuperSIDs. However,

> as you may have noticed, many sites change their site names
> and even monitor IDs, or do not give their IDs at all. In this
> case we have no way to determine who those sites are.
>
> Debbie
>
>
>
> On 3/25/2011 5:51 PM, Michael Rudolph wrote:
> > *Debbie,*
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> > **
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> > *By bad data, do you mean not seeing events that have occurred or
> > sunrise/sunset patterns? If so, I confess that I have contributed to it
> > by monitoring two frequencies that rarely produce anything, whereas two
> > of the frequencies I monitor do. I can easily stop monitoring the two
> > bad ones if that will help. I just assumed that anyone looking at the
> > charts would recognize them for what they are and ignore them.*
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> > **
> >
> > *Michael*
> >
> > **
> >
> > *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] *On
> > Behalf Of *Deborah Scherrer
> > *Sent:* Friday, March 25, 2011 8:34 PM
> > *To:* Super_SID@yahoogroups.com
> > *Cc:* lataox lataox
> > *Subject:* Re: [Super_SID] No Stanford data recently--some supersid
> > devices don't work correctly?
> >
> > Yes, we have noticed more bad data with the SuperSIDs than the
> > regular SIDs. Dave Benham and Scott Winegarden are working
> > on ways to automatically evaluate data. However, what we
> > really need is someone to contact those with bad data and
> > see if they can help fix it up. Alas, Stanford doesn't
> > have the staff to do that.
> >
> > Would any of you be willing to help other users clean up
> > their data?
> >
> > Deborah Scherrer
> >
> > On 3/25/2011 1:41 AM, lataox lataox wrote:
> > > Hi, Damian,
> > > The Stanford data is OK. I can find them, but some data isn't good. The
> > > sunrise and sunset effect can't

> > > to be seen. I think some supersid devices don't work correctly. Maybe it
> > > is caused by antenna and sound
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> > > lata
> > >
> > > ---
> > > *From:* damiangotch <damiangotch@...
> > <mailto:damiangotch%40yahoo.co.uk>>
> > > *To:* Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> > > *Sent:* Fri, March 25, 2011 4:19:14 PM
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> > > Hi all,
> > > Does anyone know why the Stanford web site has no data after the 21st
> > March?
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> > > Regards,
> > > Damian
> > >
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532. Re: [Super_SID] SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-26 17:06:30 UTC
From: Deborah Scherrer
Topic: 516 Message: 532

Actually, we do have a Linux port. Jaap did it and it
is available. Unfortunately Jaap is traveling right
noow, but when he gets back hopefully he'll see this
message and get in touch with you.

Debbie

On 3/26/2011 10:00 AM, WILLIAM & MELINDA LORD wrote:
> Hi Rob,
>
> Here is the link to the software
> http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/ It
> is a pain to download. We an send another disk if you want.
>
> The program does not work on Linux or WINE. We have a software committee
> making upgrades to the software that has been requested by users. I do
> not know if we have had many requests for Linux.
>
> You can get an external soundcard for the laptop. Here is a card that
> will work
> http://us.store.creative.com/Creative-Sound-Blaster-XFi-Surround-5.1/M/B0044DEDCA.htm
>
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> --- On *Sat, 3/26/11, rasteenb /<rasteenb@...>/* wrote:
>
>
> From: rasteenb <rasteenb@...>
> Subject: [Super_SID] SuperSID Software & Linux?
> To: Super_SID@yahoogroups.com
> Date: Saturday, March 26, 2011, 11:50 AM
>
> Hi Bill and Melinda,
>
> Thanks for the tips. I think it boils down to a sound card issue so
> I will get a known 96kHz card for my desktop.
>
> Some questions I have for you and/or the group:
>

> 1. Is the most recent SuperSID software down-loadable from anywhere?
> I can copy it over to the other machine from my laptop if needed; I
> cant find my CDROM.
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> 2. Is it possible to run SuperSID under Linux? Is there a binary, or
> source that could be compiled? Can it be run using WINE?
>
> Although I have Win XP on my desktop, it can't connect to the
> internet. Linux can and I run that almost exclusively.
>
> Thanks,
> Rob
>
> --- In Super_SID@yahoogroups.com
> </mc/compose?to=Super_SID%40yahoogroups.com>, WILLIAM & MELINDA LORD
> <ap_guardian@...> wrote:
> >
> > Hi Rob,
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> > If the coax and antenna have good continuity, then it is probably
> an issue with the sound card.
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> > Sometimes you have to disable the built in laptop microphone (the
> one that picks up when you talk at the computer)
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> > Are you plugged into line-in or microphone?Â In the control
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> 96000 hz?
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> microphone in.Â Try it both ways.Â The SSID program lags a bit, so
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> > www.tnSkyNet.com
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> > Light travels faster than sound. This is why some people appear
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> >
> > --- On Thu, 3/24/11, Rob Steenburgh <rasteenb@...> wrote:

> >
> > From: Rob Steenburgh <rasteenb@...>
> > Subject: [Super_SID] And now, the attachment... [1 Attachment]
> > To: "SUPERSID" <Super_SID@yahoogroups.com
> </mc/compose?to=Super_SID%40yahoogroups.com>>
> > Date: Thursday, March 24, 2011, 2:29 PM
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> > [Attachment(s) from Rob Steenburgh included below]
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> >
> > Reference my earlier post:
> >
> > Here are the images of my SuperSID signal output, configuration
> file and antenna photo.
> >
> > Rob
> >
>
>

533. Re: SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-26 17:14:55 UTC
From: damiangotch
Topic: 516 Message: 533

Rob,

The external USB Creative labs X-Fi surround 5.1 works really well, we are using this card and it has very low noise and is easy to use with any operating system, having it external may help avoid interference from the PC.

www.amazon.co.uk/gp/product/B0019JDDC8/ref=oss_product

Regards
Damian (UK-Baildon)

--- In Super_SID@yahoogroups.com, "rasteenb" <rasteenb@...> wrote:
>
> Hi Bill and Melinda,
>
> Thanks for the tips. I think it boils down to a sound card issue so I will get a known 96kHz card for my desktop.
>
> Some questions I have for you and/or the group:
>
> 1. Is the most recent SuperSID software down-loadable from anywhere? I can copy it over to the other machine from my laptop if needed; I cant find my CDROM.
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> 2. Is it possible to run SuperSID under Linux? Is there a binary, or source that could be compiled? Can it be run using WINE?
>
> Although I have Win XP on my desktop, it can't connect to the internet. Linux can and I run that almost exclusively.
>
> Thanks,
> Rob
>
>
>
> --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@> wrote:
> >
> > Hi Rob,
> >
> > If the coax and antenna have good continuity, then it is probably an issue with the sound card.
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> > Sometimes you have to disable the built in laptop microphone (the one that picks up when you talk at the computer)
> >
> > Are you plugged into line-in or microphone?Â In the control panel> audio settings, does your setting match line-inÂ or microphone in?

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> > --- On Thu, 3/24/11, Rob Steenburgh <rasteenb@> wrote:
> >
> > From: Rob Steenburgh <rasteenb@>
> > Subject: [Super_SID] And now, the attachment... [1 Attachment]
> > To: "SUPERSID" <Super_SID@yahoogroups.com>
> > Date: Thursday, March 24, 2011, 2:29 PM
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> > [Attachment(s) from Rob Steenburgh included below]
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> > Reference my earlier post:
> >
> > Here are the images of my SuperSID signal output, configuration file and antenna photo.
> >
> > Rob

> >
>

534. Re: [Super_SID] SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-26 17:21:24 UTC
From: Marcus D. Leech
Topic: 516 Message: 534

On 03/26/2011 12:50 PM, rasteenb wrote:
>
>
> Hi Bill and Melinda,
>
> Thanks for the tips. I think it boils down to a sound card issue so I
> will get a known 96kHz card for my desktop.
>
> Some questions I have for you and/or the group:
>
> 1. Is the most recent SuperSID software down-loadable from anywhere? I
> can copy it over to the other machine from my laptop if needed; I cant
> find my CDROM.
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> source that could be compiled? Can it be run using WINE?
>
> Although I have Win XP on my desktop, it can't connect to the
> internet. Linux can and I run that almost exclusively.
>
> Thanks,
> Rob
>
I'll point out that there's my SIDsuite software which runs under Fedora
and Ubuntu Linux
distributions.

The application is described here:

http://www.sbrac.org/files/sara_journal_sid.doc

The sidsuite tar file is here:

http://www.sbrac.org/files/sidsuite.tar.gz

The script that will do a complete Gnu Radio build (which is required
for SIDsuite) is here:

http://www.sbrac.org/files/build-gnuradio

The build-gnuradio script will run on Fedora 12 through 14, and Ubuntu
9.04 through 10.10

Run build-gnuradio first, then unpack the SIDsuite tar file, and do a
"make install" in the directory that
you unpacked SIDsuite into. It will install SIDsuite into your local
home directory--it requires that

you have a $HOME/bin directory, and that your PATH includes $HOME/bin

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

535. Re: [Super_SID] Re: SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-26 17:26:20 UTC
From: Marcus D. Leech
Topic: 516 Message: 535

On 03/26/2011 01:14 PM, damiangotch wrote:
>
>
>
> Rob,
>
> The external USB Creative labs X-Fi surround 5.1 works really well, we
> are using this card and it has very low noise and is easy to use with
> any operating system, having it external may help avoid interference
> from the PC.
>
> www.amazon.co.uk/gp/product/B0019JDDC8/ref=oss_product
>
> Regards
> Damian (UK-Baildon)
>
That's what I'm using, and it's a very good sound module. I'm
"fronting" it not with a SuperSID
amplifier, but a Mini-Mic 800 microphone pre-amp made by Behringer.
The Mini-Mic 800 has
flat response out to about 80kHz or so, and you can adjust the gain
and output levels.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

536. Re: [Super_SID] SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-26 17:45:51 UTC
From: Jeff Brower
Topic: 516 Message: 536

I've been using Marcus's SIDSuite for several weeks with great results. I use a 1.8 m per side loop into a X-Fi internal sound card, all running on Fedora 14. It did run on my Ubuntu 10.10 box as well. Good luck.

Jeff

On 2011-Mar-26, at 17:21 , Marcus D. Leech wrote:

> I'll point out that there's my SIDsuite software which runs under Fedora and Ubuntu Linux
> distributions.
>
> The application is described here:
>
> http://www.sbrac.org/files/sara_journal_sid.doc
>
> The sidsuite tar file is here:
>
> http://www.sbrac.org/files/sidsuite.tar.gz
>
> The script that will do a complete Gnu Radio build (which is required for SIDsuite) is
here:
>
> http://www.sbrac.org/files/build-gnuradio
>
> The build-gnuradio script will run on Fedora 12 through 14, and Ubuntu 9.04 through 10.10
>
> Run build-gnuradio first, then unpack the SIDsuite tar file, and do a "make install" in
the directory that
> you unpacked SIDsuite into. It will install SIDsuite into your local home directory--it
requires that
> you have a $HOME/bin directory, and that your PATH includes $HOME/bin
>
>
> --
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org

537. Re: SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-26 17:53:54 UTC
From: damiangotch
Topic: 516 Message: 537

Marcus,

Interesting, I wondered if the input impedance would be ideally suited to the antenna on a standard microphone pre-amplifer? But it clearly works.

Damian

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> On 03/26/2011 01:14 PM, damiangotch wrote:
> >
> >
> >
> > Rob,
> >
> > The external USB Creative labs X-Fi surround 5.1 works really well, we
> > are using this card and it has very low noise and is easy to use with
> > any operating system, having it external may help avoid interference
> > from the PC.
> >
> > www.amazon.co.uk/gp/product/B0019JDDC8/ref=oss_product
> >
> > Regards
> > Damian (UK-Baildon)
> >
> That's what I'm using, and it's a very good sound module. I'm
> "fronting" it not with a SuperSID
> amplifier, but a Mini-Mic 800 microphone pre-amp made by Behringer.
> The Mini-Mic 800 has
> flat response out to about 80kHz or so, and you can adjust the gain
> and output levels.
>
>
> --
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

538. Re: SUPERSID DATA FROM KOLKATA, INDIA.

Yahoo group: Super_SID
Date: 2011-03-26 18:04:27 UTC
From: damiangotch
Topic: 520 Message: 538

Sunjay,

I initially used the internal card on our netbook but the results were terrible, I now use an external USB X-Fi surround 5.1 soundblaster card and it works really well. There tends to be a huge amount of noise on some laptops/netbooks for some reason. Far worse than the desktop machines, generally because they are integrated into the motherboard close to interference.

You really need the full bandwidth to get the best results. The best approach is to test initially just with the card and no-preamp, take the spectrum, add the pre-amp but no antenna and check that the signal level is increased 30-40dB, take note of the noise floor level. Then attach the antenna and you should see the signals above the noise floor.

Best regards,

Damian (UK-Baildon)
--- In Super_SID@yahoogroups.com, "sujay" <sujay.ami8@...> wrote:
>
> Hi All,
>
> I am new to the supersid and I'm collecting data with Compaq Presario B1900 laptop. Therefore I am able to receive VLF signal up to 22 kHz. I am attaching the spectrogram along with a full day data of NWC signal.
>
> Can I detect SID by this kind of signal reception? I am not sure about the source of the strongest signal (15 kHz) throughout the day. Do any one have any idea ?
>
> How can I improve signal-to-noise ratio ? Should I go for a bigger antenna or electrically shielded antenna ?
>
>
> Thanks and Regards,
> Sujay Pal
> SNBNCBS, Kolkata, India.
>

539. Re: [Super_SID] Re: SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-26 18:32:41 UTC
From: Marcus D. Leech
Topic: 516 Message: 539

On 03/26/2011 01:53 PM, damiangotch wrote:
>
> Marcus,
>
> Interesting, I wondered if the input impedance would be ideally suited
> to the antenna on a standard microphone pre-amplifer? But it clearly
> works.
>
> Damian
>
I think the impedance of a mag-loop antenna for VLF work is "all over
the place" anyway, so a microphone amplifier designed for
magnetic microphones seems to be "close enough".

The ability to play with the gain and frequency-response curves with the
Behringer is also useful.

> .
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

540. Re: SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-27 02:44:11 UTC
From: rasteenb
Topic: 516 Message: 540

Marcus you made my day! I will endeavor to get it set up on my Ubuntu laptop and on my desktop box as well.

Thanks to everyone else for the feedback, too.

I looked at the Creative X-Fi sound cards, but the specs called for a 2.2 GHz or faster processor and my netbook is a 1.6 GHz Atom. Not sure about the desk top but doubt if it's more than 1.8 or 2.0 GHz; it's 8 years old.

So, I'll do some more poking around. It's a good excuse to upgrade my hardware :)

Cheers,
Rob

> I'll point out that there's my SIDsuite software which runs under Fedora
> and Ubuntu Linux
> distributions.
>
> The application is described here:
>
> http://www.sbrac.org/files/sara_journal_sid.doc
>
> The sidsuite tar file is here:
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> http://www.sbrac.org/files/sidsuite.tar.gz
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> The script that will do a complete Gnu Radio build (which is required
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> http://www.sbrac.org/files/build-gnuradio
>
> The build-gnuradio script will run on Fedora 12 through 14, and Ubuntu
> 9.04 through 10.10
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> Run build-gnuradio first, then unpack the SIDsuite tar file, and do a
> "make install" in the directory that
> you unpacked SIDsuite into. It will install SIDsuite into your local
> home directory--it requires that
> you have a $HOME/bin directory, and that your PATH includes $HOME/bin
>
>
> --
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

541. RE: [Super_SID] Re: SUPERSID DATA FROM KOLKATA, INDIA.

Yahoo group: Super_SID
Date: 2011-03-27 03:20:15 UTC
From: Dave Benham
Topic: 520 Message: 541

Laptop power supplies are terrible noise sources. So are the internal fans, especially if you cannot turn the onboard microphone off.

Dave
McMath-Hulbert Solar Observatory

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of damiangotch
Sent: Saturday, March 26, 2011 2:04 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: SUPERSID DATA FROM KOLKATA, INDIA.

Sunjay,

I initially used the internal card on our netbook but the results were terrible, I now use an external USB X-Fi surround 5.1 soundblaster card and it works really well. There tends to be a huge amount of noise on some laptops/netbooks for some reason. Far worse than the desktop machines, generally because they are integrated into the motherboard close to interference.

You really need the full bandwidth to get the best results. The best approach is to test initially just with the card and no-preamp, take the spectrum, add the pre-amp but no antenna and check that the signal level is increased 30-40dB, take note of the noise floor level. Then attach the antenna and you should see the signals above the noise floor.

Best regards,

Damian (UK-Baildon)
--- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com> , "sujay" <sujay.ami8@...> wrote:
>
> Hi All,
>
> I am new to the supersid and I'm collecting data with Compaq Presario B1900 laptop. Therefore I am able to receive VLF signal up to 22 kHz. I am attaching the spectrogram along with a full day data of NWC signal.
>
> Can I detect SID by this kind of signal reception? I am not sure about the source of the strongest signal (15 kHz) throughout the day. Do any one have any idea ?
>
> How can I improve signal-to-noise ratio ? Should I go for a bigger antenna or electrically shielded antenna ?

>
>
> Thanks and Regards,
> Sujay Pal
> SNBNCBS, Kolkata, India.
>

542. Re: SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-27 09:58:15 UTC
From: damiangotch
Topic: 516 Message: 542

Rob, you will be fine we are using a cheap Samsung Atom Netbook running XP and it performs well. Amazingly it has been running continuously for six months since the last clock change without having to be rebooted! The net book solution is ideal as it does not suffer with power outages like a desktop would do.
Regards Damian

--- In Super_SID@yahoogroups.com, "rasteenb" <rasteenb@...> wrote:
>
> Marcus you made my day! I will endeavor to get it set up on my Ubuntu laptop and on my desktop box as well.
>
> Thanks to everyone else for the feedback, too.
>
> I looked at the Creative X-Fi sound cards, but the specs called for a 2.2 GHz or faster processor and my netbook is a 1.6 GHz Atom. Not sure about the desk top but doubt if it's more than 1.8 or 2.0 GHz; it's 8 years old.
>
> So, I'll do some more poking around. It's a good excuse to upgrade my hardware :)
>
> Cheers,
> Rob
>
>
> > I'll point out that there's my SIDsuite software which runs under Fedora
> > and Ubuntu Linux
> > distributions.
> >
> > The application is described here:
> >
> > http://www.sbrac.org/files/sara_journal_sid.doc
> >
> > The sidsuite tar file is here:
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> >
> > The script that will do a complete Gnu Radio build (which is required
> > for SIDsuite) is here:
> >
> > http://www.sbrac.org/files/build-gnuradio
> >
> > The build-gnuradio script will run on Fedora 12 through 14, and Ubuntu
> > 9.04 through 10.10
> >
> > Run build-gnuradio first, then unpack the SIDsuite tar file, and do a
> > "make install" in the directory that

> > you unpacked SIDsuite into. It will install SIDsuite into your local
> > home directory--it requires that
> > you have a $HOME/bin directory, and that your PATH includes $HOME/bin
> >
> >
> > --
> > Principal Investigator
> > Shirleys Bay Radio Astronomy Consortium
> > http://www.sbrac.org
> >
>

543. Re: SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-27 14:09:48 UTC
From: rasteenb
Topic: 516 Message: 543

Thanks Damian; that's good news. I'll give it a shot.

I checked my Dell 2350 desktop and it's a 1.8 GHz Pentium 4. Running the lshw (list hardware) command indicates a "capacity" of 2800 MHz, but I'm not sure how to interpret that yet.

Cheers,
Rob

--- In Super_SID@yahoogroups.com, "damiangotch" <damiangotch@...> wrote:
>
> Rob, you will be fine we are using a cheap Samsung Atom Netbook running XP and it performs well. Amazingly it has been running continuously for six months since the last clock change without having to be rebooted! The net book solution is ideal as it does not suffer with power outages like a desktop would do.
> Regards Damian
>
> --- In Super_SID@yahoogroups.com, "rasteenb" <rasteenb@> wrote:
> >
> > Marcus you made my day! I will endeavor to get it set up on my Ubuntu laptop and on my desktop box as well.
> >
> > Thanks to everyone else for the feedback, too.
> >
> > I looked at the Creative X-Fi sound cards, but the specs called for a 2.2 GHz or faster processor and my netbook is a 1.6 GHz Atom. Not sure about the desk top but doubt if it's more than 1.8 or 2.0 GHz; it's 8 years old.
> >
> > So, I'll do some more poking around. It's a good excuse to upgrade my hardware :)
> >
> > Cheers,
> > Rob
> >
> >
> > > I'll point out that there's my SIDsuite software which runs under Fedora
> > > and Ubuntu Linux
> > > distributions.
> > >
> > > The application is described here:
> > >
> > > http://www.sbrac.org/files/sara_journal_sid.doc
> > >
> > > The sidsuite tar file is here:
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> > > http://www.sbrac.org/files/sidsuite.tar.gz
> > >

> > > The script that will do a complete Gnu Radio build (which is required
> > > for SIDsuite) is here:
> > >
> > > http://www.sbrac.org/files/build-gnuradio
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> > > Run build-gnuradio first, then unpack the SIDsuite tar file, and do a
> > > "make install" in the directory that
> > > you unpacked SIDsuite into. It will install SIDsuite into your local
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> > > --
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> > > Shirleys Bay Radio Astronomy Consortium
> > > http://www.sbrac.org
> > >
> >
>

544. Re: [Super_SID] SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-27 14:44:57 UTC
From: Jaap Akkerhuis
Topic: 516 Message: 544

Hi All,

> Actually, we do have a Linux port. Jaap did it and it
> is available. Unfortunately Jaap is traveling right
> now, but when he gets back hopefully he'll see this
> message and get in touch with you.

Yeah, I'm still traveling (at the IETF in Prague on the moment).
However, I have a moment to spare.

The SuperSID software

What I've done is to repackage the current software so it as
easy to install (and deinstall) as any other windows program.
The package comes includes the binaries, the documentation
and also with the (python) sources. This will make in easier for
the non-sophisticated user to install the software.

The (python) source is included so a more sophisticated use
can change and experiment with the SuperSID software.
Of course, he/she should have installed the necessary
modules of python (things like pyaudio, matplotlib etc.) as well.
Python implementations are reasonably independent of
the operating system being used. Using the source directly with
python should work fine under various windows and Linux systems.
I'm waiting on a copy of the current CD that is send out so I can
make sure that this new package is "bug for bug" compatible
with the current version.

There are plans for improvements of the software in the pipeline
but I want first to finish the installer stuff.

Other VLF Software

The SuperSID package is not the only system which uses sound cards.
Various people have build their own. The SIDsuite from Marcus Leech
has been mentioned but there are others as well. There are also people
out there using their own amps to drive the sound cards.

Note that this list is primarily about the SuperSID system so don't
expect a lot of support here for other systems.

Regards,

jaap

545. Re: [Super_SID] SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-27 15:02:05 UTC
From: Marcus D. Leech
Topic: 516 Message: 545

On 03/27/2011 10:44 AM, Jaap Akkerhuis wrote:
>
>
>
> Hi All,
>
> > Actually, we do have a Linux port. Jaap did it and it
> > is available. Unfortunately Jaap is traveling right
> > now, but when he gets back hopefully he'll see this
> > message and get in touch with you.
>
> Yeah, I'm still traveling (at the IETF in Prague on the moment).
> However, I have a moment to spare.
>
Waaah. The last time I was in Prague was for an IETF meeting. So
jealous :-)

> Note that this list is primarily about the SuperSID system so don't
> expect a lot of support here for other systems.
>
> Regards,
>
> jaap
>
The list has morphed into a forum for small-scale VLF observers who
cooperate and share their data
through the Stanford Solar Center. That may not have been the
intention, but it's the de-facto
state of the list. That means other observing "platforms" may get
mentioned from time to time.
I don't view this as a bad thing, since there are few enough
small-scale VLF
ionosphere observers out there, having multiple lists just dilutes an
already sparse matrix :-)

> .
>
>

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

546. Re: [Super_SID] Re: SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-27 14:53:43 UTC
From: garyr
Topic: 516 Message: 546

You are using the Creative X-Fi 5.1 with the Samsung Atom Netbook?

----- Original Message -----
From: "damiangotch" <damiangotch@...>
To: <Super_SID@yahoogroups.com>
Sent: Sunday, March 27, 2011 2:58 AM
Subject: [Super_SID] Re: SuperSID Software & Linux?

> Rob, you will be fine we are using a cheap Samsung Atom Netbook running XP
> and it performs well. Amazingly it has been running continuously for six
> months since the last clock change without having to be rebooted! The net
> book solution is ideal as it does not suffer with power outages like a
> desktop would do.
> Regards Damian
>
> --- In Super_SID@yahoogroups.com, "rasteenb" <rasteenb@...> wrote:
>>
>> Marcus you made my day! I will endeavor to get it set up on my Ubuntu
>> laptop and on my desktop box as well.
>>
>> Thanks to everyone else for the feedback, too.
>>
>> I looked at the Creative X-Fi sound cards, but the specs called for a 2.2
>> GHz or faster processor and my netbook is a 1.6 GHz Atom. Not sure about
>> the desk top but doubt if it's more than 1.8 or 2.0 GHz; it's 8 years
>> old.
>>
>> So, I'll do some more poking around. It's a good excuse to upgrade my
>> hardware :)
>>
>> Cheers,
>> Rob
>>
>>
>> > I'll point out that there's my SIDsuite software which runs under
>> > Fedora
>> > and Ubuntu Linux
>> > distributions.
>> >
>> > The application is described here:
>> >
>> > http://www.sbrac.org/files/sara_journal_sid.doc
>> >
>> > The sidsuite tar file is here:
>> >

>> > http://www.sbrac.org/files/sidsuite.tar.gz
>> >
>> > The script that will do a complete Gnu Radio build (which is required
>> > for SIDsuite) is here:
>> >
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>> >
>> > The build-gnuradio script will run on Fedora 12 through 14, and Ubuntu
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>> >
>> > Run build-gnuradio first, then unpack the SIDsuite tar file, and do a
>> > "make install" in the directory that
>> > you unpacked SIDsuite into. It will install SIDsuite into your local
>> > home directory--it requires that
>> > you have a $HOME/bin directory, and that your PATH includes $HOME/bin
>> >
>> >
>> > --
>> > Principal Investigator
>> > Shirleys Bay Radio Astronomy Consortium
>> > http://www.sbrac.org
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> Yahoo! Groups Links
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547. VLF Station List

Yahoo group: Super_SID
Date: 2011-03-27 15:56:34 UTC
From: wd73383
Topic: 547 Message: 547

The Files section has a VLF Station List that was posted about 15 months ago. Is this list still accurate?

If not, does anyone have a current list for stations in the Americas?

Thanks!

Whit

Whitham D. Reeve
Anchorage, Alaska USA
---

548. Re: [Super_SID] VLF Station List

Yahoo group: Super_SID
Date: 2011-03-27 17:30:34 UTC
From: garyr
Topic: 547 Message: 548

http://sidstation.loudet.org/stations-list-en.xhtml

----- Original Message -----
From: "wd73383" <wd73383@...>
To: <Super_SID@yahoogroups.com>
Sent: Sunday, March 27, 2011 8:56 AM
Subject: [Super_SID] VLF Station List

> The Files section has a VLF Station List that was posted about 15 months
> ago. Is this list still accurate?
>
> If not, does anyone have a current list for stations in the Americas?
>
> Thanks!
>
> Whit
> ----
> Whitham D. Reeve
> Anchorage, Alaska USA
> ----
>
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>
> Yahoo! Groups Links
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549. Re: SuperSID Software & Linux?

Yahoo group: Super_SID
Date: 2011-03-27 20:44:22 UTC
From: damiangotch
Topic: 516 Message: 549

Gary,
Yes it is the N130, and is working just fine.
Damian
--- In Super_SID@yahoogroups.com, "garyr" <garyr@...> wrote:
>
> You are using the Creative X-Fi 5.1 with the Samsung Atom Netbook?
>
> ----- Original Message -----
> From: "damiangotch" <damiangotch@...>
> To: <Super_SID@yahoogroups.com>
> Sent: Sunday, March 27, 2011 2:58 AM
> Subject: [Super_SID] Re: SuperSID Software & Linux?
>
>
> > Rob, you will be fine we are using a cheap Samsung Atom Netbook running XP
> > and it performs well. Amazingly it has been running continuously for six
> > months since the last clock change without having to be rebooted! The net
> > book solution is ideal as it does not suffer with power outages like a
> > desktop would do.
> > Regards Damian
> >
> > --- In Super_SID@yahoogroups.com, "rasteenb" <rasteenb@> wrote:
> >>
> >> Marcus you made my day! I will endeavor to get it set up on my Ubuntu
> >> laptop and on my desktop box as well.
> >>
> >> Thanks to everyone else for the feedback, too.
> >>
> >> I looked at the Creative X-Fi sound cards, but the specs called for a 2.2
> >> GHz or faster processor and my netbook is a 1.6 GHz Atom. Not sure about
> >> the desk top but doubt if it's more than 1.8 or 2.0 GHz; it's 8 years
> >> old.
> >>
> >> So, I'll do some more poking around. It's a good excuse to upgrade my
> >> hardware :)
> >>
> >> Cheers,
> >> Rob
> >>
> >>
> >> > I'll point out that there's my SIDsuite software which runs under
> >> > Fedora
> >> > and Ubuntu Linux
> >> > distributions.
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> >> > The application is described here:
> >> >
> >> > http://www.sbrac.org/files/sara_journal_sid.doc
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> >> > The sidsuite tar file is here:
> >> >
> >> > http://www.sbrac.org/files/sidsuite.tar.gz
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> >> > http://www.sbrac.org/files/build-gnuradio
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> >> > --
> >> > Principal Investigator
> >> > Shirleys Bay Radio Astronomy Consortium
> >> > http://www.sbrac.org
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> > Yahoo! Groups Links
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550. Re: [Super_SID] VLF Station List

Yahoo group: Super_SID
Date: 2011-03-28 22:03:45 UTC
From: WILLIAM & MELINDA LORD
Topic: 547 Message: 550

On the SuperSID Yahoo group page are some additional links to stations and frequencies.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sun, 3/27/11, wd73383 <wd73383@yahoo.com> wrote:

From: wd73383 <wd73383@...>
Subject: [Super_SID] VLF Station List
To: Super_SID@yahoogroups.com
Date: Sunday, March 27, 2011, 10:56 AM

The Files section has a VLF Station List that was posted about 15 months ago. Is this list still accurate?

If not, does anyone have a current list for stations in the Americas?

Thanks!

Whit

Whitham D. Reeve
Anchorage, Alaska USA
----

551. Re: VLF Station List

Yahoo group: Super_SID
Date: 2011-04-01 05:05:16 UTC
From: yo9gjx
Topic: 547 Message: 551

If you use GoogleEarth i put in Files directory a vlf.kml file with stations, freqvencyes, locations, pictures of towers.
Also a complet list here:
http://www.vlf.it/trond2/list.html

552. (no subject)

Yahoo group: Super_SID
Date: 2011-04-13 09:34:42 UTC
From: Sardor Tojiev
Topic: 552 Message: 552

http://josephlia.com/wp-content/themes/skyscrapers_with_brown_beu005/mywork.html

553. Another SuperSID station up and running: N2YO

Yahoo group: Super_SID
Date: 2011-04-13 13:51:30 UTC
From: ciprian_sufitchi
Topic: 553 Message: 553

Hi all,

I just subscribed to this group, planning to share my experience with my SuperSID receiver and find a couple of answers.
I finished the project a couple of days ago. Antenna is a square made of plastic pipes having about 2m each side. There are 20 turns of wire for a total of 120m. I have a dedicated computer installed in my garage connected wi-fi to my home network. So far, I am very excited. Antenna is located in my backyard, currently pointing North-South so I have the best S/N from NAA in ME (I live in VA). I also get NLK, NAU, NML with fairly good levels. The only problem is that all signals are bouncing quite a lot. For some reason I am unable to get a constant amplitude of any of those stations. Looks like there is some random noise of some sort. Without a constant level getting in the sound card I will never be able to see spikes caused by SID events.
So my first question is what are best practices to reduce the noise and keep a clean and constant level of the monitored signal? At very low frequencies I see the noise is quite high, wouldn't a high pass filter help? Is there some recommended software that I could install to apply some FFT filtering to improve the signal/noise ratio?
Is there a database so I could compare my graphics to see if the variation is caused by internal problems or not?
I know, too many questions.

Thanks!
73s de Chip N2YO

554. Re: [Super_SID] Another SuperSID station up and running: N2YO

Yahoo group: Super_SID
Date: 2011-04-13 14:12:48 UTC
From: WILLIAM & MELINDA LORD
Topic: 553 Message: 554

Hi Chip,
You can compare data by going to http://sid.stanford.edu/database-browser/

We have people working on ways to filter out the noise and you are welcome to join that effort with ideas you may have. Dave Benham has been working with a Krohn Hite filter. We are also trying to shield the antenna. These projects are a work in process, and once we see consistent results we will post them. But if you have ideas you want to try, please do so.

Bill & Melinda Lord

www.tnSkyNet.com

www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 4/13/11, ciprian_sufitchi <ciprian_sufitchi@...> wrote:

From: ciprian_sufitchi <ciprian_sufitchi@...>
Subject: [Super_SID] Another SuperSID station up and running: N2YO
To: Super_SID@yahoogroups.com
Date: Wednesday, April 13, 2011, 8:51 AM

Hi all,

I just subscribed to this group, planning to share my experience with my SuperSID receiver and find a couple of answers.

I finished the project a couple of days ago. Antenna is a square made of plastic pipes having about 2m each side. There are 20 turns of wire for a total of 120m. I have a dedicated computer installed in my garage connected wi-fi to my home network. So far, I am very excited. Antenna is located in my backyard, currently pointing North-South so I have the best S/N from NAA in ME (I live in VA). I also get NLK, NAU, NML with fairly good levels. The only problem is that all signals are bouncing quite a lot. For some reason I am unable to get a constant amplitude of any of those stations. Looks like there is some random noise of some sort. Without a constant level getting in the sound card I will never be able to see spikes caused by SID events.

So my first question is what are best practices to reduce the noise and keep a clean and constant level of the monitored signal? At very low frequencies I see the noise is quite high, wouldn't a high pass filter help? Is there some recommended software that I could install to apply some FFT filtering to improve the signal/noise ratio?

Is there a database so I could compare my graphics to see if the variation is caused by internal problems or not?

I know, too many questions.

Thanks!

73s de Chip N2YO

555. Re: [Super_SID] Another SuperSID station up and running: N2YO

Yahoo group: Super_SID
Date: 2011-04-13 18:22:11 UTC
From: Marcus D. Leech
Topic: 553 Message: 555

On 13/04/2011 10:12 AM, WILLIAM & MELINDA LORD wrote:
>
> Hi Chip,
> You can compare data by going to http://sid.stanford.edu/database-browser/
>
> We have people working on ways to filter out the noise and you are
> welcome to join that effort with ideas you may have. Dave Benham has
> been working with a Krohn Hite filter. We are also trying to shield
> the antenna. These projects are a work in process, and once we see
> consistent results we will post them. But if you have ideas you want
> to try, please do so.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
I use an FFT-based notch filter in SIDsuite that notches out all the
harmonics of 60Hz (or 50Hz, depending on configuration). This helps to
deal with things like motor noise, fluorescent lamps, etc.

But the VLF noise environment is pretty noisy, even when you filter out
the harmonics of the local power line frequencies.

For example, computer monitors have signal components that operate
within the VLF band, which can often interfere. Not a lot you
can do about them, unless there's one specific frequency that's of
most trouble.

556. Re: [Super_SID] Another SuperSID station up and running: N2YO

Yahoo group: Super_SID
Date: 2011-04-13 23:18:48 UTC
From: Marcus D. Leech
Topic: 553 Message: 556

On 04/13/2011 10:12 AM, WILLIAM & MELINDA LORD wrote:
>
> Hi Chip,
> You can compare data by going to http://sid.stanford.edu/database-browser/
>
> We have people working on ways to filter out the noise and you are
> welcome to join that effort with ideas you may have. Dave Benham has
> been working with a Krohn Hite filter. We are also trying to shield
> the antenna. These projects are a work in process, and once we see
> consistent results we will post them. But if you have ideas you want
> to try, please do so.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
Adding a low-pass analog filter (such as the Krohn-Hite active
audio-range filters you refer to) may or may not improve things,
depending on
how effective the anti-alias filters are on the sound-card. Usually,
sound-card anti-alias filters are multi-pole switched-capacitor low-pass
filters, so they already have a fairly steep cutoff and good ultimate
attenuation above Fs/2, so it's not clear to me that adding another
low-pass filter in front of the anti-alias filters on a typical sound
card will make any difference. You need anti-alias (low-pass) filters
to prevent
frequencies above Fs/2 from "aliasing" into your passband and causing
interference with intended signals.

But I suspect that the majority of interference sources are in-band
(that is, somewhere between DC and 48KHz), so adding better low-pass
filtering ahead of the sound card won't help.

Some significant fraction of the RFI at VLF is caused by power-line
harmonics, so implementing a harmonic comb filter in the DSP
side of things can certainly help, depending on the particular
positioning of the power-line harmonics and the signal of interest.
At 24kHz (NAA), there's a harmonic of 60Hz right in the middle of the
pass-band. Notching it out can help, but keep in mind that notch
is also removing energy from the desired signal as well. The
significant energy components of the VLF signals of interest are
typically only
a few hundred Hz wide. In my SIDsuite implementation, my notches are
only 10Hz wide, so they don't take out more than a few % of
any intended signals.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

557. Re: [Super_SID] Another SuperSID station up and running: N2YO

Yahoo group: Super_SID
Date: 2011-04-14 02:05:55 UTC
From: garyr
Topic: 553 Message: 557

----- Original Message -----
From: "Marcus D. Leech" <mleech@...>
To: <Super_SID@yahoogroups.com>
Cc: "WILLIAM & MELINDA LORD" <ap_guardian@...>
Sent: Wednesday, April 13, 2011 4:18 PM
Subject: Re: [Super_SID] Another SuperSID station up and running: N2YO

> On 04/13/2011 10:12 AM, WILLIAM & MELINDA LORD wrote:
>>
>> Hi Chip,
>> You can compare data by going to
>> http://sid.stanford.edu/database-browser/
>>
>> We have people working on ways to filter out the noise and you are
>> welcome to join that effort with ideas you may have. Dave Benham has
>> been working with a Krohn Hite filter. We are also trying to shield
>> the antenna. These projects are a work in process, and once we see
>> consistent results we will post them. But if you have ideas you want
>> to try, please do so.
>>
>> Bill & Melinda Lord
>> www.tnSkyNet.com
>> www.radio-astronomy.org
>>
> Adding a low-pass analog filter (such as the Krohn-Hite active
> audio-range filters you refer to) may or may not improve things,
> depending on
> how effective the anti-alias filters are on the sound-card. Usually,
> sound-card anti-alias filters are multi-pole switched-capacitor low-pass
> filters, so they already have a fairly steep cutoff and good ultimate
> attenuation above Fs/2, so it's not clear to me that adding another
> low-pass filter in front of the anti-alias filters on a typical sound
> card will make any difference. You need anti-alias (low-pass) filters
> to prevent
> frequencies above Fs/2 from "aliasing" into your passband and causing
> interference with intended signals.
>
> But I suspect that the majority of interference sources are in-band
> (that is, somewhere between DC and 48KHz), so adding better low-pass
> filtering ahead of the sound card won't help.
>
> Some significant fraction of the RFI at VLF is caused by power-line
> harmonics, so implementing a harmonic comb filter in the DSP
> side of things can certainly help, depending on the particular
> positioning of the power-line harmonics and the signal of interest.

> At 24kHz (NAA), there's a harmonic of 60Hz right in the middle of the
> pass-band. Notching it out can help, but keep in mind that notch
> is also removing energy from the desired signal as well. The
> significant energy components of the VLF signals of interest are
> typically only
> a few hundred Hz wide. In my SIDsuite implementation, my notches are
> only 10Hz wide, so they don't take out more than a few % of
> any intended signals.
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>
>

Thank you for your comments regarding anti-aliasing filtering in sound-cards. I am attempting to build a "superSID" type receiver using an external sound-card and have been working on a rather elaborate anti-aliasing filter for it. I am relieved to learn that it may not needed. Could you elaborate a bit on how you have implemented the notches you described.

Best regards,
Gary Richardson

558. Re: [Super_SID] Another SuperSID station up and running: N2YO

Yahoo group: Super_SID
Date: 2011-04-14 03:26:14 UTC
From: Ciprian Sufitchi
Topic: 553 Message: 558

Thank you!
I just installed a freeware tool - PowerSDR. After a few settings I was able to monitor the 0-48 kHz with PowerSDR and compare it with SuperSID. While SuperSID levels were jumping quite alot and spectrum distorsions, PowerSDR was very quiet, showing with contant levels. I disabled AGC as much as I could. I wish I had an option to record levels from PowerSDR.

Chip

--- On Wed, 4/13/11, Marcus D. Leech <mleech@...> wrote:

From: Marcus D. Leech <mleech@...>
Subject: Re: [Super_SID] Another SuperSID station up and running: N2YO
To: Super_SID@yahoogroups.com
Cc: "WILLIAM & MELINDA LORD" <ap_guardian@...>
Date: Wednesday, April 13, 2011, 7:18 PM

On 04/13/2011 10:12 AM, WILLIAM & MELINDA LORD wrote:

Hi Chip,
You can compare data by going to http://sid.stanford.edu/database-browser/

We have people working on ways to filter out the noise and you are welcome to join that effort with ideas you may have. Dave Benham has been working with a Krohn Hite filter. We are also trying to shield the antenna. These projects are a work in process, and once we see consistent results we will post them. But if you have ideas you want to try, please do so.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Adding a low-pass analog filter (such as the Krohn-Hite active audio-range filters you refer to) may or may not improve things, depending on
  how effective the anti-alias filters are on the sound-card. Usually, sound-card anti-alias filters are multi-pole switched-capacitor low-pass
  filters, so they already have a fairly steep cutoff and good ultimate attenuation above Fs/2, so it's not clear to me that adding another
  low-pass filter in front of the anti-alias filters on a typical sound card will make any difference. You need anti-alias (low-pass) filters to prevent
  frequencies above Fs/2 from "aliasing" into your passband and causing interference with intended signals.

But I suspect that the majority of interference sources are in-band (that is, somewhere between DC and 48KHz), so adding better low-pass
  filtering ahead of the sound card won't help.

Some significant fraction of the RFI at VLF is caused by power-line harmonics, so implementing a harmonic comb filter in the DSP
  side of things can certainly help, depending on the particular positioning of the power-line harmonics and the signal of interest.
  At 24kHz (NAA), there's a harmonic of 60Hz right in the middle of the pass-band. Notching it out can help, but keep in mind that notch
  is also removing energy from the desired signal as well. The significant energy components of the VLF signals of interest are typically only
  a few hundred Hz wide. In my SIDsuite implementation, my notches are only 10Hz wide, so they don't take out more than a few % of
  any intended signals.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

559. Re: [Super_SID] Another SuperSID station up and running: N2YO

Yahoo group: Super_SID
Date: 2011-04-14 11:25:45 UTC
From: Marcus D. Leech
Topic: 553 Message: 559

On 04/13/2011 10:05 PM, garyr wrote:
>
>
>
>
> Thank you for your comments regarding anti-aliasing filtering in
> sound-cards. I am attempting to build a "superSID" type receiver using an
> external sound-card and have been working on a rather elaborate
> anti-aliasing filter for it. I am relieved to learn that it may not
> needed.
> Could you elaborate a bit on how you have implemented the notches you
> described.
>
My SIDsuite receiver uses Gnu Radio as the signal-processing "engine". I
have an FFT filter
in the signal path, and I simply set zeros in the filter bins that
correspond to power-line
harmonics.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

560. Re: [Super_SID] Another SuperSID station up and running: N2YO

Yahoo group: Super_SID
Date: 2011-04-14 14:51:46 UTC
From: Marcus D. Leech
Topic: 553 Message: 560

> Perhaps I'm naive, but it seems to me that once you have the
> transformed data you have almost everything you need to monitor
> specific frequencies for SID events. What additional functionality
> does GnuRadio provide you?
>
>
I'm having a hard time parsing your question.

I've been a Gnu Radio developer/user for radio-astronomy applications
for many years, and I undertook a project to implement a
multi-channel SID receiver using Gnu Radio last spring. That work
resulted in a short paper being published in the SARA Journal,
and I've continued to work on the application since then. I use it
every day to submit data to Stanford, and a couple of other people
are using it.

Gnu Radio is a generic signal-processing framework, intended for
radio-based applications. It includes a vast "palette" of signal processing
blocks that can be strung together like Lego to perform various
interesting functions. It includes various "real world" signal
"sources" and "sinks", including Audio and USRP-family hardware.

Along with the signal-processing blocks, Gnu Radio also allows to you
glue GUI elements into your "flow-graph", so that you can build
fairly-complete applications entirely inside Gnu Radio.

That is what SIDsuite is.

561. NPM sun rise and set arrows

Yahoo group: Super_SID
Date: 2011-04-19 15:34:10 UTC
From: Jeff Brower
Topic: 561 Message: 561

Hello all,

I started uploading my data recently. When looking at my Stanford generated graphs I noticed that all the stations, with the exception of NPM, sun rise and set times agreed with my SR/SS software output tables.

I show NPM's sunrise for today at 16:10 UT and sunset at 04:51 UT, yet the arrows generated at Stanford show 20:50 UT for sunrise yesterday and sunset of 10:30 UT.

Am I missing something basic, or was there a bad lat/lon for NPM that is generating sunset and rise times a few hours off? I am curious.

Regards,

Jeff
ABMO - 0162

562. Re: Strange Signal (Newbee in Europe) [1 Attachment]

Yahoo group: Super_SID
Date: 2011-04-20 15:47:36 UTC
From: Jean-pierre Bolengo
Topic: 484 Message: 562

Hi Bill and Melinda
I've found a solution that may be of interest for everybody else who has the same problem:
1. I let come in people from the BaKom (Federal Institute for Radio Frequencies). They havn't measured my 5kHhz steps with their equipment. They have also testet my antenna with a digital signal analyzer and thy found no 5kHz spikes.
2. They told me to use a batterie instead of the power supply, that came with the SID -> Still had 5kHz spikes.
3. Last friday I received your electronic schematics. I've seen that you use an ic to generate an artificyal ground. To me it was like a flash hitting my head.
THE SOLUTION:
I've changed the to wires that are connected to the sound card -> The spikes dramaticaly decresed to below of 5% of their inital value.

Greetings
Jean-Pierre (from the tiny Switzerland)

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Hi Jean-Pierre,
> It is noisy, but I think you will be able to detect SID's.Â You can look at http://sid.stanford.edu/database-browser/browse.jsp?date=2011-03-15T00.00.00Â to see what other stations are plotting daily.Â You can post your data by going into your config file and changing automatic_upload = no to yes
> Â
> If you can find the noise andÂ reduce the noise it will be easier to see the SID's.
>
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Wed, 3/16/11, Jean-pierre Bolengo <jpbolengo@...> wrote:
>
>
> From: Jean-pierre Bolengo <jpbolengo@...>
> Subject: Re: [Super_SID] Re: Strange Signal (Newbee in Europe) [1 Attachment]
> To: Super_SID@yahoogroups.com
> Date: Wednesday, March 16, 2011, 2:53 AM
>
>
> Â
>
>
> [Attachment(s) from Jean-pierre Bolengo included below]

>
>
> Hello Bill and Melinda
> Attached you will finde my first 24h graph. Is this good engouh for a measurement?
> Jean-Pierre
>
>
>
>
>
>
> From: WILLIAM & MELINDA LORD <ap_guardian@...>
> To: Super_SID@yahoogroups.com
> Sent: Mon, March 14, 2011 8:58:17 PM
> Subject: Re: [Super_SID] Re: Strange Signal (Newbee in Europe)
>
> Â
>
>
>
>
>
> We do not have any filters that we have come up with at this time.Â We are trying shielding of the antenna, but have not determined this improves the signal.
>
> Have you plotted any of your data?Â Even though you have a noise source, you might still have a signal from a station that is not affected by the noise.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Mon, 3/14/11, Jean-pierre Bolengo <jpbolengo@...> wrote:
>
>
> From: Jean-pierre Bolengo <jpbolengo@...>
> Subject: [Super_SID] Re: Strange Signal (Newbee in Europe)
> To: Super_SID@yahoogroups.com
> Date: Monday, March 14, 2011, 11:12 AM
>
>
> Â
>
> Hello Bill & Melinda
> As you can see in the messages, I've found a contact to Ireland.
> Today there where as small signal at every 5kHz. The signal growed at 16 UTC. I've turn off every equippment in my house, including fridge and Oil-heating. No success. Is it possible to attache certain filter to the input of a SID?

>
> Jean-Pierre
>
> --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@> wrote:
> >
> > Since we can not detect SID's after sunset, we are usually not too concerned about the night time signal.ÃÂ You can add a couple of these frequencies to your config file, give them call _sign of test1 and test2.ÃÂ Then plot them and see if you can tell where the signal is coming from by the time of day or night they peak.ÃÂ
> > ÃÂ
> > Lots of things can give off radio frequencies (RF) that are "noise" to the SuperSID- fluorescent lights, dimmer switches, power equipment, generators, microwaves, just to name a few.ÃÂ Sometimes equipment that never was a problem starts to go bad electronically before it stops working and in the meantime it puts out RF noise.
> > ÃÂ
> > If you have electronic equipment near the antenna, try shutting one piece off at a time and then watch your spectrum to see if there is a change.ÃÂ NOTE- the SuperSID lags in displaying changes by 10 to 20 seconds, so give it time to settle.
> > ÃÂ
> > We have a group set up to discuss VLF noise issues.ÃÂ You can join this by going to http://tech.groups.yahoo.com/group/VLF_Noise_Red/
> > ÃÂ
> > Bill & Melinda Lord
> > www.tnSkyNet.com
> > www.radio-astronomy.org
> >
> > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> >
> > --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@> wrote:
> >
> >
> > From: Jean-pierre Bolengo <jpbolengo@>
> > Subject: Re: [Super_SID] Strange Signal (Newbee in Europe) [1 Attachment]
> > To: Super_SID@yahoogroups.com
> > Date: Sunday, March 13, 2011, 1:11 PM
> >
> >
> > ÃÂ
> >
> >
> > [Attachment(s) from Jean-pierre Bolengo included below]
> >
> >
> > Hi Bill and Melinda
> > I've found out, that after Sunset I get interfrences every 5kHz. Have you any idea, what kind of source that can be?
> > Attached an actuel screenshot.
> >
> >
> >
> >
> >

> >
> > From: WILLIAM & MELINDA LORD <ap_guardian@>
> > To: Super_SID@yahoogroups.com
> > Sent: Sun, March 13, 2011 3:37:22 PM
> > Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)
> >
> > Ã□Â
> >
> >
> >
> >
> >
> >
> > Hi Jean-Pierre,
> > Can you post or send us a screen shot of your spectrum as you collect data and one of your plots?
> >
> > Bill & Melinda Lord
> > www.tnSkyNet.com
> > www.radio-astronomy.org
> >
> > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> >
> > --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@> wrote:
> >
> >
> > From: Jean-pierre Bolengo <jpbolengo@>
> > Subject: [Super_SID] Strange Signal (Newbee in Europe)
> > To: Super_SID@yahoogroups.com
> > Date: Sunday, March 13, 2011, 6:32 AM
> >
> >
> > Ã□Â
> >
> > Hello
> > I've been collecting data since a halfe week. My strange signal is much higher during daytime than during nighttime. Have you any idee?
> > Jean-Pierre
> >
>

563. Re: [Super_SID] Re: Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-04-20 20:29:40 UTC
From: WILLIAM & MELINDA LORD
Topic: 484 Message: 563

Hi Jean-Pierre,

>>THE SOLUTION:

I've changed the to wires that are connected to the sound card -> The
spikes dramaticaly decresed to below of 5% of their inital value.
Did you change the wires as they were connected to the SuperSID? Can you send us a picture of what was changed and some of the plots your are now getting?

Bill & Melinda Lord

www.tnSkyNet.com

www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 4/20/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

From: Jean-pierre Bolengo <jpbolengo@...>
Subject: [Super_SID] Re: Strange Signal (Newbee in Europe)
To: Super_SID@yahoogroups.com
Date: Wednesday, April 20, 2011, 10:47 AM

Hi Bill and Melinda

I've found a solution that may be of interest for everybody else who has the same problem:

1. I let come in people from the BaKom (Federal Institute for Radio Frequencies). They havn't measured my 5kHhz steps with their equipment. They have also testet my antenna with a digital signal analyzer and thy found no 5kHz spikes.

2. They told me to use a batterie instead of the power supply, that came with the SID -> Still had 5kHz spikes.

3. Last friday I received your electronic schematics. I've seen that you use an ic to generate an artificyal ground. To me it was like a flash hitting my head.

THE SOLUTION:

I've changed the to wires that are connected to the sound card -> The spikes dramaticaly decresed to below of 5% of their inital value.

Greetings

Jean-Pierre (from the tiny Switzerland)

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

>

> Hi Jean-Pierre,

> It is noisy, but I think you will be able to detect SID's.Â You can look at http://sid.stanford.edu/database-browser/browse.jsp?date=2011-03-15T00.00.00Â to see what other stations are plotting daily.Â You can post your data by going into your config file and changing automatic_upload = no to yes

> Â

> If you can find the noise andÂ reduce the noise it will be easier to see the SID's.

>

>

> Bill & Melinda Lord

> www.tnSkyNet.com

> www.radio-astronomy.org

>

> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

>

> --- On Wed, 3/16/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

>

>

> From: Jean-pierre Bolengo <jpbolengo@...>

> Subject: Re: [Super_SID] Re: Strange Signal (Newbee in Europe) [1 Attachment]

> To: Super_SID@yahoogroups.com

> Date: Wednesday, March 16, 2011, 2:53 AM

>

>

> Â

>

>

> [Attachment(s) from Jean-pierre Bolengo included below]

>

>

> Hello Bill and Melinda

> Attached you will finde my first 24h graph. Is this good engouh for a measurement?

> Jean-Pierre

>

>

>

>

>

>

> From: WILLIAM & MELINDA LORD <ap_guardian@...>

> To: Super_SID@yahoogroups.com

> Sent: Mon, March 14, 2011 8:58:17 PM

> Subject: Re: [Super_SID] Re: Strange Signal (Newbee in Europe)

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> We do not have any filters that we have come up with at this time.Â We are trying shielding of the antenna, but have not determined this improves the signal.

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> Have you plotted any of your data?Â Even though you have a noise source, you might still have a signal from a station that is not affected by the noise.

>

> Bill & Melinda Lord

> www.tnSkyNet.com

> www.radio-astronomy.org

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> --- On Mon, 3/14/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

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> From: Jean-pierre Bolengo <jpbolengo@...>

> Subject: [Super_SID] Re: Strange Signal (Newbee in Europe)

> To: Super_SID@yahoogroups.com

> Date: Monday, March 14, 2011, 11:12 AM

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> Hello Bill & Melinda

> As you can see in the messages, I've found a contact to Ireland.

> Today there where as small signal at every 5kHz. The signal growed at 16 UTC. I've turn off every equippment in my house, including fridge and Oil-heating. No success. Is it possible to attache certain filter to the input of a SID?

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> Jean-Pierre

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> > Since we can not detect SID's after sunset, we are usually not too concerned about the night time signal.Ã,Â You can add a couple of these frequencies to your config file, give them call _sign of test1 and test2.Ã,Â Then plot them and see if you can tell where the signal is coming from by the time of day or night they peak.Ã,Â

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> > If you have electronic equipment near the antenna, try shutting one piece off at a time and then watch your spectrum to see if there is a change.Ã‚Â NOTE- the SuperSID lags in displaying changes by 10 to 20 seconds, so give it time to settle.

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> > We have a group set up to discuss VLF noise issues.Ã‚Â You can join this by going to http://tech.groups.yahoo.com/group/VLF_Noise_Red/

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> > Subject: Re: [Super_SID] Strange Signal (Newbee in Europe) [1 Attachment]

> > To: Super_SID@yahoogroups.com

> > Date: Sunday, March 13, 2011, 1:11 PM

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> > [Attachment(s) from Jean-pierre Bolengo included below]

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> > Hi Bill and Melinda

> > I've found out, that after Sunset I get interfrences every 5kHz. Have you any idea, what kind of source that can be?

> > Attached an actuel screenshot.

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> > From: WILLIAM & MELINDA LORD <ap_guardian@>

> > To: Super_SID@yahoogroups.com

> > Sent: Sun, March 13, 2011 3:37:22 PM

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> > Subject: [Super_SID] Strange Signal (Newbee in Europe)

> > To: Super_SID@yahoogroups.com

> > Date: Sunday, March 13, 2011, 6:32 AM

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> > Hello

> > I've been collecting data since a halfe week. My strange signal is much higher during daytime than during nighttime. Have you any idee?

> > Jean-Pierre

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564. Re: [Super_SID] Re: Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-04-21 10:02:30 UTC
From: Jean-pierre Bolengo
Topic: 484 Message: 564

Hi Bill and Melinda
Sorry about my english. I've not changed the wires as I've written before. What I've changed were the signal and the ground to the soundcard connector. The ground of the soundcard was connected to the SuperSID signal and vice versa.

Greetings
Jean-Pierre

From: WILLIAM & MELINDA LORD <ap_guardian@...>
To: Super_SID@yahoogroups.com
Sent: Wed, April 20, 2011 10:29:40 PM
Subject: Re: [Super_SID] Re: Strange Signal (Newbee in Europe)

Hi Jean-Pierre,

>>THE SOLUTION:
I've changed the to wires that are connected to the sound card -> The spikes dramaticaly decresed to below of 5% of their inital value.
Did you change the wires as they were connected to the SuperSID? Can you send us a picture of what was changed and some of the plots your are now getting?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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>Subject: [Super_SID] Re: Strange Signal (Newbee in Europe)
>To: Super_SID@yahoogroups.com
>Date: Wednesday, April 20, 2011, 10:47 AM
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>
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>Hi Bill and Melinda
>I've found a solution that may be of interest for everybody else who has the
>same problem:
>1. I let come in people from the BaKom (Federal Institute for Radio
>Frequencies). They havn't measured my 5kHhz steps with their equipment. They
>have also testet my antenna with a digital signal analyzer and thy found no 5kHz
>spikes.
>2. They told me to use a batterie instead of the power supply, that came with
>the SID -> Still had 5kHz spikes.

>3. Last friday I received your electronic schematics. I've seen that you use an
>ic to generate an artificyal ground. To me it was like a flash hitting my head.
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>Greetings
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>>see what other stations are plotting daily.Â You can post your data by going
>>into your config file and changing automatic_upload = no to yes
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>> If you can find the noise andÂ reduce the noise it will be easier to see the
>>SID's.
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>> Subject: Re: [Super_SID] Re: Strange Signal (Newbee in Europe) [1 Attachment]
>> To: Super_SID@yahoogroups.com
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565. Re: [Super_SID] NPM sun rise and set arrows

Yahoo group: Super_SID
Date: 2011-04-21 18:03:25 UTC
From: Deborah Scherrer
Topic: 561 Message: 565

This has been corrected now.

Debbie

On 4/19/2011 8:34 AM, Jeff Brower wrote:

Hello all,

I started uploading my data recently. When looking at my Stanford generated graphs I noticed that all the stations, with the exception of NPM, sun rise and set times agreed with my SR/SS software output tables.

I show NPM's sunrise for today at 16:10 UT and sunset at 04:51 UT, yet the arrows generated at Stanford show 20:50 UT for sunrise yesterday and sunset of 10:30 UT.

Am I missing something basic, or was there a bad lat/lon for NPM that is generating sunset and rise times a few hours off? I am curious.

Regards,

Jeff
ABMO - 0162

566. Re: [Super_SID] NPM sun rise and set arrows

Yahoo group: Super_SID
Date: 2011-04-21 18:27:33 UTC
From: Jeff Brower
Topic: 561 Message: 566

Thanks much Debbie for the quick response and the fix.

Jeff
ABMO - 0162

On 2011-Apr-21, at 18:03 , Deborah Scherrer wrote:

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> On 4/19/2011 8:34 AM, Jeff Brower wrote:
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567. Re: [Super_SID] Re: Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-04-22 15:57:52 UTC
From: Jeff Brower
Topic: 484 Message: 567

Hi all,

When I first got the pre-amp it didn't seem to work; it gave only random walk noise. Therefore, I've been running SuperSID without the pre-amp which resulted in very weak signals . I put the pre-amp on my stack of "To Do" projects until I had more time to look into it. When I read Jean-Pierre's observations I knew a simple ohmmeter test might resolve my problem.

I got my multi-meter out and found, as expected, that the Vs went to the tip of the audio jack. I then checked for Vg and found it did not go to the ground lug of the audio jack, instead it went to the middle ring thus simulating an unplug condition in the sound card. Using some temporary clip cables and sending Vg to the ground of the audio jack did the trick. I was rewarded with at least a 30 dB increase in signals and can now hear some stations that were at the noise floor without the pre-amp. All the random noise stopped.

If you are having problems with your pre-amp test the Vg path. Thank you Jean-Pierre!

Jeff

On 2011-Apr-21, at 10:02 , Jean-pierre Bolengo wrote:

>
> Hi Bill and Melinda
> Sorry about my english. I've not changed the wires as I've written before. What I've changed were the signal and the ground to the soundcard connector. The ground of the soundcard was connected to the SuperSID signal and vice versa.
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568. Re: Strange Signal (Newbee in Europe)

Yahoo group: Super_SID
Date: 2011-04-26 17:19:56 UTC
From: wb9rim
Topic: 484 Message: 568

I made the same discovery I un-wired cord and cut it back to expose the ground and reconnected the tip and ground and it seams to be doing better.
Thanks
Danny

--- In Super_SID@yahoogroups.com, Jeff Brower <jbrower@...> wrote:
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> Hi all,
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> When I first got the pre-amp it didn't seem to work; it gave only random walk noise. Therefore, I've been running SuperSID without the pre-amp which resulted in very weak signals . I put the pre-amp on my stack of "To Do" projects until I had more time to look into it. When I read Jean-Pierre's observations I knew a simple ohmmeter test might resolve my problem.
>
> I got my multi-meter out and found, as expected, that the Vs went to the tip of the audio jack. I then checked for Vg and found it did not go to the ground lug of the audio jack, instead it went to the middle ring thus simulating an unplug condition in the sound card. Using some temporary clip cables and sending Vg to the ground of the audio jack did the trick. I was rewarded with at least a 30 dB increase in signals and can now hear some stations that were at the noise floor without the pre-amp. All the random noise stopped.
>
> If you are having problems with your pre-amp test the Vg path. Thank you Jean-Pierre!
>
> Jeff
>
> On 2011-Apr-21, at 10:02 , Jean-pierre Bolengo wrote:
>
> >
> > Hi Bill and Melinda
> > Sorry about my english. I've not changed the wires as I've written before. What I've changed were the signal and the ground to the soundcard connector. The ground of the soundcard was connected to the SuperSID signal and vice versa.
> >
> > Greetings
> > Jean-Pierre
> >
> >
> >
> > From: WILLIAM & MELINDA LORD <ap_guardian@...>
> > To: Super_SID@yahoogroups.com
> > Sent: Wed, April 20, 2011 10:29:40 PM
> > Subject: Re: [Super_SID] Re: Strange Signal (Newbee in Europe)
> >
> >
> > Hi Jean-Pierre,

> >
> > >>THE SOLUTION:
> > I've changed the to wires that are connected to the sound card -> The spikes dramaticaly decresed to below of 5% of their inital value.
> > Did you change the wires as they were connected to the SuperSID? Can you send us a picture of what was changed and some of the plots your are now getting?
> >
> > Bill & Melinda Lord
> > www.tnSkyNet.com
> > www.radio-astronomy.org
> >
> > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> >
> > --- On Wed, 4/20/11, Jean-pierre Bolengo <jpbolengo@...> wrote:
> >
> > From: Jean-pierre Bolengo <jpbolengo@...>
> > Subject: [Super_SID] Re: Strange Signal (Newbee in Europe)
> > To: Super_SID@yahoogroups.com
> > Date: Wednesday, April 20, 2011, 10:47 AM
> >
> >
> > Hi Bill and Melinda
> > I've found a solution that may be of interest for everybody else who has the same problem:
> > 1. I let come in people from the BaKom (Federal Institute for Radio Frequencies). They havn't measured my 5kHhz steps with their equipment. They have also testet my antenna with a digital signal analyzer and thy found no 5kHz spikes.
> > 2. They told me to use a batterie instead of the power supply, that came with the SID -> Still had 5kHz spikes.
> > 3. Last friday I received your electronic schematics. I've seen that you use an ic to generate an artificyal ground. To me it was like a flash hitting my head.
> > THE SOLUTION:
> > I've changed the to wires that are connected to the sound card -> The spikes dramaticaly decresed to below of 5% of their inital value.
> >
> > Greetings
> > Jean-Pierre (from the tiny Switzerland)
> >
> > --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@> wrote:
> > >
> > > Hi Jean-Pierre,
> > > It is noisy, but I think you will be able to detect SID's.Â You can look at http://sid.stanford.edu/database-browser/browse.jsp?date=2011-03-15T00.00.00Â to see what other stations are plotting daily.Â You can post your data by going into your config file and changing automatic_upload = no to yes
> > > Â
> > > If you can find the noise andÂ reduce the noise it will be easier to see the SID's.
> > >
> > >
> > > Bill & Melinda Lord
> > > www.tnSkyNet.com
> > > www.radio-astronomy.org

> > >
> > > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> > >
> > > --- On Wed, 3/16/11, Jean-pierre Bolengo <jpbolengo@> wrote:
> > >
> > >
> > > From: Jean-pierre Bolengo <jpbolengo@>
> > > Subject: Re: [Super_SID] Re: Strange Signal (Newbee in Europe) [1 Attachment]
> > > To: Super_SID@yahoogroups.com
> > > Date: Wednesday, March 16, 2011, 2:53 AM
> > >
> > >
> > > Â
> > >
> > >
> > > [Attachment(s) from Jean-pierre Bolengo included below]
> > >
> > >
> > > Hello Bill and Melinda
> > > Attached you will finde my first 24h graph. Is this good engouh for a measurement?
> > > Jean-Pierre
> > >
> > >
> > >
> > >
> > >
> > >
> > > From: WILLIAM & MELINDA LORD <ap_guardian@>
> > > To: Super_SID@yahoogroups.com
> > > Sent: Mon, March 14, 2011 8:58:17 PM
> > > Subject: Re: [Super_SID] Re: Strange Signal (Newbee in Europe)
> > >
> > > Â
> > >
> > >
> > >
> > >
> > >
> > > We do not have any filters that we have come up with at this time.Â We are trying shielding of the antenna, but have not determined this improves the signal.
> > >
> > > Have you plotted any of your data?Â Even though you have a noise source, you might still have a signal from a station that is not affected by the noise.
> > >
> > > Bill & Melinda Lord
> > > www.tnSkyNet.com
> > > www.radio-astronomy.org
> > >
> > > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

> > >
> > > --- On Mon, 3/14/11, Jean-pierre Bolengo <jpbolengo@> wrote:
> > >
> > >
> > > From: Jean-pierre Bolengo <jpbolengo@>
> > > Subject: [Super_SID] Re: Strange Signal (Newbee in Europe)
> > > To: Super_SID@yahoogroups.com
> > > Date: Monday, March 14, 2011, 11:12 AM
> > >
> > >
> > > Â
> > >
> > > Hello Bill & Melinda
> > > As you can see in the messages, I've found a contact to Ireland.
> > > Today there where as small signal at every 5kHz. The signal growed at 16 UTC. I've turn off every equippment in my house, including fridge and Oil-heating. No success. Is it possible to attache certain filter to the input of a SID?
> > >
> > > Jean-Pierre
> > >
> > > --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@> wrote:
> > > >
> > > > Since we can not detect SID's after sunset, we are usually not too concerned about the night time signal.ÃÂ You can add a couple of these frequencies to your config file, give them call _sign of test1 and test2.ÃÂ Then plot them and see if you can tell where the signal is coming from by the time of day or night they peak.ÃÂ
> > > > ÃÂ
> > > > Lots of things can give off radio frequencies (RF) that are "noise" to the SuperSID- fluorescent lights, dimmer switches, power equipment, generators, microwaves, just to name a few.ÃÂ Sometimes equipment that never was a problem starts to go bad electronically before it stops working and in the meantime it puts out RF noise.
> > > > ÃÂ
> > > > If you have electronic equipment near the antenna, try shutting one piece off at a time and then watch your spectrum to see if there is a change.ÃÂ NOTE- the SuperSID lags in displaying changes by 10 to 20 seconds, so give it time to settle.
> > > > ÃÂ
> > > > We have a group set up to discuss VLF noise issues.ÃÂ You can join this by going to http://tech.groups.yahoo.com/group/VLF_Noise_Red/
> > > > ÃÂ
> > > > Bill & Melinda Lord
> > > > www.tnSkyNet.com
> > > > www.radio-astronomy.org
> > > >
> > > > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> > > >
> > > > --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@> wrote:
> > > >
> > > >
> > > > From: Jean-pierre Bolengo <jpbolengo@>
> > > > Subject: Re: [Super_SID] Strange Signal (Newbee in Europe) [1 Attachment]
> > > > To: Super_SID@yahoogroups.com
> > > > Date: Sunday, March 13, 2011, 1:11 PM

> > > >
> > > >
> > > > ÃÂ
> > > >
> > > >
> > > > [Attachment(s) from Jean-pierre Bolengo included below]
> > > >
> > > >
> > > > Hi Bill and Melinda
> > > > I've found out, that after Sunset I get interfrences every 5kHz. Have you any idea, what kind of source that can be?
> > > > Attached an actuel screenshot.
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > From: WILLIAM & MELINDA LORD <ap_guardian@>
> > > > To: Super_SID@yahoogroups.com
> > > > Sent: Sun, March 13, 2011 3:37:22 PM
> > > > Subject: Re: [Super_SID] Strange Signal (Newbee in Europe)
> > > >
> > > > ÃÂ
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > Hi Jean-Pierre,
> > > > Can you post or send us a screen shot of your spectrum as you collect data and one of your plots?
> > > >
> > > > Bill & Melinda Lord
> > > > www.tnSkyNet.com
> > > > www.radio-astronomy.org
> > > >
> > > > Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> > > >
> > > > --- On Sun, 3/13/11, Jean-pierre Bolengo <jpbolengo@> wrote:
> > > >
> > > >
> > > > From: Jean-pierre Bolengo <jpbolengo@>
> > > > Subject: [Super_SID] Strange Signal (Newbee in Europe)
> > > > To: Super_SID@yahoogroups.com
> > > > Date: Sunday, March 13, 2011, 6:32 AM
> > > >
> > > >
> > > > ÃÂ

> > > >
> > > > Hello
> > > > I've been collecting data since a halfe week. My strange signal is much higher during daytime than during nighttime. Have you any idee?
> > > > Jean-Pierre
> > > >
> > >
> >
> >
> >
> >
>

569. VLF seasonal variations

Yahoo group: Super_SID
Date: 2011-05-04 08:50:14 UTC
From: igordicataldo
Topic: 569 Message: 569

I would like to ask why signal strength in my norther hemisphere datas are always lower in winter than summer.
Thanks

570. Re: VLF seasonal variations

Yahoo group: Super_SID
Date: 2011-05-07 12:17:09 UTC
From: yo9gjx
Topic: 569 Message: 570

All spectrum of radio weaves depending of ionospheric layers have a season variation in propagation including VLF.

--- In Super_SID@yahoogroups.com, "igordicataldo" <igordicataldo@...> wrote:
>
> I would like to ask why signal strength in my norther hemisphere datas are always lower in winter than summer.
> Thanks
>

571. Re: [Super_SID] Re: VLF seasonal variations

Yahoo group: Super_SID
Date: 2011-05-07 17:04:51 UTC
From: Deborah Scherrer
Topic: 569 Message: 571

I would suspect this is related to the angle of the Sun and
number of hours of daylight.

Debbie

On 5/7/2011 5:17 AM, yo9gjx wrote:
> All spectrum of radio weaves depending of ionospheric layers have a
> season variation in propagation including VLF.
>
> --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>,
> "igordicataldo" <igordicataldo@...> wrote:
> >
> > I would like to ask why signal strength in my norther hemisphere
> datas are always lower in winter than summer.
> > Thanks
> >
>
>

572. Re: [Super_SID] VLF seasonal variations

Yahoo group: Super_SID
Date: 2011-05-08 18:13:37 UTC
From: Nicholas Gross
Topic: 569 Message: 572
Attachments: 1 described; binary payloads are missing from this source WARC

Igor,
The seasonal variation in the signal strength is a real variation in the state of the ionosphere. Because of the seasonal decrease in solar radiation there are a variety of effects that can happen. There is a decrease in the ion density because of the decrease in ionizing radiation, but there is also change in the density as the atmosphere contracts due to the lower temperature, and a relative change in the composition of the atmosphere (the amount of atomic and molecular oxygen as well as nitrogen and nitrous oxide). The variety of effects adds up to a regular change in the ionosphere which is not completely intuitive.

Is your data uploaded to the Stanford Website. Documenting your observations would make a very good article for the SARA Journal. If you are interested in doing that, I can find some references to better explain the seasonal variation.

I hope this helps some.
Nick Gross

On 5/4/11 4:50 AM, igordicataldo wrote:
> I would like to ask why signal strength in my norther hemisphere datas are always lower in winter than summer.
> Thanks
>
>
>
>

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

573. Re: VLF seasonal variations

Yahoo group: Super_SID
Date: 2011-05-09 17:15:26 UTC
From: wd73383
Topic: 569 Message: 573

Hi Nick, Igor - Seasonal variations in the ionosphere and associated VLF propagation are very interesting topics and would make a nice article for the SARA journal.

The next SARA journal issue, coming out at end of May, has a couple of excellent articles on VLF propagation and Sudden Ionospheric Disturbances written by our correspondents in Britain, Alan Melia and John Cook, respectively. We would be very happy to publish more on this subject in future issues.

Happy listening, and watching!

Whit

Whitham D. Reeve
Anchorage, Alaska USA

--- In Super_SID@yahoogroups.com, Nicholas Gross <gross@...> wrote:
>
> Igor,
> The seasonal variation in the signal strength is a real variation in the state of the ionosphere. Because of the seasonal decrease in solar radiation there are a variety of effects that can happen. There is a decrease in the ion density because of the decrease in ionizing radiation, but there is also change in the density as the atmosphere contracts due to the lower temperature, and a relative change in the composition of the atmosphere (the amount of atomic and molecular oxygen as well as nitrogen and nitrous oxide). The variety of effects adds up to a regular change in the ionosphere which is not completely intuitive.

Is your data uploaded to the Stanford Website. Documenting your observations would make a very good article for the SARA Journal. If
you are interested in doing that, I can find some references to better explain the seasonal variation.

I hope this helps some.
Nick Gross

On 5/4/11 4:50 AM, igordicataldo wrote:
I would like to ask why signal strength in my norther hemisphere datas are always lower in winter than summer.
Thanks

574. (no subject)

Yahoo group: Super_SID
Date: 2011-05-10 13:55:32 UTC
From: Sardor Tojiev
Topic: 574 Message: 574

http://mac-junkie.com/wp-content/uploads/friends.html

575. Jaap's Linux client

Yahoo group: Super_SID
Date: 2011-05-28 21:43:42 UTC
From: de_nv0n
Topic: 575 Message: 575

Hi,

I'm running Marcus's custom gnu-radio build on Ubuntu 11.04. (Thanks for that Marcus!) Took some tweaking but it's working.

Does anyone have the source for Jaap's version? I emailed him a day or two ago but no reply yet. (Could he be traveling still for this long?!)

My setup is running on a (mostly) headless server and I don't want to have to worry about having to log in to start a graphical client when I'm traveling. (I must admit the plots are fun though).

So I wanted to give Jaap's simple version of the standard program a try. Given how active Marcus is, he's likely to reply with some advice. :-)

Thanks,

Joey

576. Re: [Super_SID] Jaap's Linux client

Yahoo group: Super_SID
Date: 2011-05-28 23:45:01 UTC
From: Marcus D. Leech
Topic: 575 Message: 576

On 05/28/2011 05:43 PM, de_nv0n wrote:
>
> Hi,
>
> I'm running Marcus's custom gnu-radio build on Ubuntu 11.04. (Thanks
> for that Marcus!) Took some tweaking but it's working.
>
Are you aware of:

http://www.sbrac.org/files/build-gnuradio

Or did I already e-mail that link to the list?

>
> Does anyone have the source for Jaap's version? I emailed him a day or
> two ago but no reply yet. (Could he be traveling still for this long?!)
>
> My setup is running on a (mostly) headless server and I don't want to
> have to worry about having to log in to start a graphical client when
> I'm traveling. (I must admit the plots are fun though).
>
> So I wanted to give Jaap's simple version of the standard program a
> try. Given how active Marcus is, he's likely to reply with some
> advice. :-)
>
> Thanks,
>
> Joey
>
You could always build a "headless" version of SIDSuite, and send the
patches back to me :-)

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

577. Re: [Super_SID] Jaap's Linux client

Yahoo group: Super_SID
Date: 2011-05-29 00:10:01 UTC
From: Deborah Scherrer
Topic: 575 Message: 577

Jaap travels frequently. Give him a little time...

Debbie

On 5/28/2011 2:43 PM, de_nv0n wrote:
> Hi,
>
> I'm running Marcus's custom gnu-radio build on Ubuntu 11.04. (Thanks for
> that Marcus!) Took some tweaking but it's working.
>
> Does anyone have the source for Jaap's version? I emailed him a day or
> two ago but no reply yet. (Could he be traveling still for this long?!)
>
> My setup is running on a (mostly) headless server and I don't want to
> have to worry about having to log in to start a graphical client when
> I'm traveling. (I must admit the plots are fun though).
>
> So I wanted to give Jaap's simple version of the standard program a try.
> Given how active Marcus is, he's likely to reply with some advice. :-)
>
> Thanks,
>
> Joey
>
>

578. Re: [Super_SID] Jaap's Linux client

Yahoo group: Super_SID
Date: 2011-05-29 00:20:46 UTC
From: Marcus D. Leech
Topic: 575 Message: 578

On 05/28/2011 08:10 PM, Deborah Scherrer wrote:
> Jaap travels frequently. Give him a little time...
>
> Debbie
>
He's involved in ICANN work, and so goes to a lot of the same meetings I
used to go to back when I was with Nortel.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

579. Re: [Super_SID] Jaap's Linux client

Yahoo group: Super_SID
Date: 2011-05-29 00:42:12 UTC
From: Deborah Scherrer
Topic: 575 Message: 579

Cool. Have you met Jaap is person? He's one of my
alltime favorite human beings!

Debbie

On 5/28/2011 5:20 PM, Marcus D. Leech wrote:
> On 05/28/2011 08:10 PM, Deborah Scherrer wrote:
>> Jaap travels frequently. Give him a little time...
>>
>> Debbie
>>
> He's involved in ICANN work, and so goes to a lot of the same meetings I
> used to go to back when I was with Nortel.
>
>
>
>

580. Re: [Super_SID] Jaap's Linux client

Yahoo group: Super_SID
Date: 2011-05-29 00:47:58 UTC
From: Marcus D. Leech
Topic: 575 Message: 580

On 05/28/2011 08:42 PM, Deborah Scherrer wrote:
> Cool. Have you met Jaap is person? He's one of my
> alltime favorite human beings!
>
> Debbie
Probably have. I used to go to a *lot* of IETF meetings, and met lots
and lots of people.

I was an area director in the IETF for 4 years, and chaired a couple of
the working groups.

So, yeah, I probably met him and interacted.

581. Re: [Super_SID] Jaap's Linux client

Yahoo group: Super_SID
Date: 2011-05-29 01:25:08 UTC
From: Joey Stanford
Topic: 575 Message: 581

Hi,

> http://www.sbrac.org/files/build-gnuradio
>
> Or did I already e-mail that link to the list?

Yes, Ultimately that's what I used. I tried the stock install but it didn't work and there were a number of differences between the git tree and the packaged files.

Using build-gnuradio, there are some issues after building with icons not being found. There are also regex errors in the sidship script for lat/lon (wouldn't take -105.06 or -105:06 so I had to work around it). But I got it working. And it seems to be working very nicely creating the files and displaying the real-time information.

> You could always build a "headless" version of SIDSuite, and send the
> patches back to me :-)

Yes I could but currently don't have much time to learn gnu radio. I suspect it might be possible via some tweaks to sidstart and the corresponding programs. I'll look at those when I have more time. Admittedly I'm better with Python these days than with C. I still need to setup a cron script for sidship so it will run across all my channels and also select the appropriate date for each (i.e. make a batch upload script)

J

582. Re: [Super_SID] Jaap's Linux client

Yahoo group: Super_SID
Date: 2011-05-29 12:11:26 UTC
From: Jaap Akkerhuis
Topic: 575 Message: 582

Joey, all,

> So I wanted to give Jaap's simple version of the standard program a try.

For the record, the "standard program" is nor really mine. What I'm doing
is trying to do is to reconstruct the original programme from which
years ago the SuperSID distribution was created. I'm moving away from
python 2.5 to python 2.7 in the process.

There is not a real Liux distribution but since the original source is
written in python, that could work provided that all needed libraries.
It seems to work under FreeBSD but has problems on MacOSX.

Bill & Melinda has people asking for a Linux Distro as well so
I wrapped what I have into a tar ball. It has all the quirks from
from the standard version (not being able to save files on command
is one of the more obvious problems). Maybe they can send this
to you as well or make it available for somewhere so anybody
can grab it. However, there will be no guarantees at all that it
is fit for anything.

jaap

583. Re: [Super_SID] Jaap's Linux client

Yahoo group: Super_SID
Date: 2011-05-29 12:22:22 UTC
From: Jaap Akkerhuis
Topic: 575 Message: 583

On May 29, 2011, at 2:20, Marcus D. Leech wrote:

> He's involved in ICANN work, and so goes to a lot of the same meetings I
> used to go to back when I was with Nortel.

Yeah, ICANN. Weird hobbies people have :-). Although I don't ICANN
in Singapore, it still eats time and phone calls on strange hours. And
also the day-job gets in the way.

jaap

584. Re: [Super_SID] Jaap's Linux client

Yahoo group: Super_SID
Date: 2011-05-29 12:24:02 UTC
From: Jaap Akkerhuis
Topic: 575 Message: 584

On May 29, 2011, at 2:42, Deborah Scherrer wrote:

> Cool. Have you met Jaap is person? He's one of my
> alltime favorite human beings!

Blush, blush.

jaap

585. Re: [Super_SID] Jaap's Linux client

Yahoo group: Super_SID
Date: 2011-05-29 12:27:41 UTC
From: Jaap Akkerhuis
Topic: 575 Message: 585

On May 29, 2011, at 2:47, Marcus D. Leech wrote:

> So, yeah, I probably met him and interacted.

No doubt. However, to quote Mike O'Dell:
"I have a virtual memory and it is always paged out"
so I don't really remember. Will you be at the
IETF in Quebec?

jaap

586. Re: [Super_SID] Jaap's Linux client

Yahoo group: Super_SID
Date: 2011-05-29 13:35:48 UTC
From: Marcus D. Leech
Topic: 575 Message: 586

>
>
>
> On May 29, 2011, at 2:47, Marcus D. Leech wrote:
>
> > So, yeah, I probably met him and interacted.
>
> No doubt. However, to quote Mike O'Dell:
> "I have a virtual memory and it is always paged out"
> so I don't really remember. Will you be at the
> IETF in Quebec?
>
> jaap
>
>
I"m hoping to drop by for a visit, but I won't be officially attending.
My current job is unrelated to
anything IETFish. I have a few friends there, like Michelle Cotton,
whom I've promised to visit.
Quebec is only about 5 hours drive away, so I plan to spend one night
there. Not sure which night
though.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

587. SIDSuite now available through github

Yahoo group: Super_SID
Date: 2011-05-29 19:54:46 UTC
From: Marcus D. Leech
Topic: 587 Message: 587

git@...:patchvonbraun/SIDSuite.git

Gets you there.

Cheers

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

588. M1 today

Yahoo group: Super_SID
Date: 2011-05-29 20:22:17 UTC
From: Marcus D. Leech
Topic: 588 Message: 588

Anyone capture the M1 at 10:33 UTC today?

My own monitor didn't see anything (sun had just come up).

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

589. Re: [Super_SID] M1 today

Yahoo group: Super_SID
Date: 2011-05-29 22:12:36 UTC
From: Jaap Akkerhuis
Topic: 588 Message: 589
Attachments: 1 described; binary payloads are missing from this source WARC

On May 29, 2011, at 22:22, Marcus D. Leech wrote:

> Anyone capture the M1 at 10:33 UTC today?

I see it clearly, also the smaller one somewhat later.
See attachment (if this works).

jaap

590. Re: M1 today

Yahoo group: Super_SID
Date: 2011-05-30 08:08:49 UTC
From: damiangotch
Topic: 588 Message: 590

Hi Marcus,
We caught it well in the UK, I have just done some repairs to the antenna connections, water had got in and corroded the coax and given a very noisy output. All is now back to normal just in time for the new activity.

Regards Damian (UK Baildon)

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> Anyone capture the M1 at 10:33 UTC today?
>
> My own monitor didn't see anything (sun had just come up).
>
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

591. Re: M1 today

Yahoo group: Super_SID
Date: 2011-05-30 08:14:15 UTC
From: damiangotch
Topic: 588 Message: 591

file:///Users/damian/Desktop/plot.png
--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> Anyone capture the M1 at 10:33 UTC today?
>
> My own monitor didn't see anything (sun had just come up).
>
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

592. Re: M1 today

Yahoo group: Super_SID
Date: 2011-05-30 08:18:13 UTC
From: damiangotch
Topic: 588 Message: 592

Jaap,

How did you manage to attach the plot? I cannot find how to do it now, it always used to let me past it in the box now it just puts a text link to the file! I am using Safari on the Mac.

Damian

--- In Super_SID@yahoogroups.com, Jaap Akkerhuis <jaapna@...> wrote:
>
>
> On May 29, 2011, at 22:22, Marcus D. Leech wrote:
>
> > Anyone capture the M1 at 10:33 UTC today?
>
> I see it clearly, also the smaller one somewhat later.
> See attachment (if this works).
>
> jaap
>

593. M1 Yesterday

Yahoo group: Super_SID
Date: 2011-05-30 08:29:37 UTC
From: Damian Gotch
Topic: 593 Message: 593
Attachments: 1 described; binary payloads are missing from this source WARC

I just realised that I can post via email to add attachments. This is the Baildon plot of the M1 yesterday.

Damian

594. Re: [Super_SID] Re: M1 today

Yahoo group: Super_SID
Date: 2011-05-30 10:08:25 UTC
From: Jaap Akkerhuis
Topic: 588 Message: 594

On May 30, 2011, at 10:18, damiangotch wrote:

> How did you manage to attach the plot? I cannot find how to do it now, it always used to let me past it in the box now it just puts a text link to the file! I am using Safari on the Mac.

I don't use Safari or another browser to read and send mail. Web based mailers are often a pain to use. I just use the standard Mail (Mail.App) on the Mac.

I took a screen dump of the window with Grab (/Application/Utilities/Grab), saved the file on the desktop and then attached it on the mail messages.

jaap

595. RE: [Super_SID] M1 Yesterday [1 Attachment]

Yahoo group: Super_SID
Date: 2011-05-30 13:31:19 UTC
From: Dave Benham
Topic: 593 Message: 595

Damian,

You might apply Coax-Seal to the outdoor end of your coax to prevent water intrusion in the future. It works well for Radio Jove antennas as well.

http://www.coaxseal.com/

A local ham radio operator may be able to tell you where to purchase it in Europe.

Dave

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Damian Gotch
Sent: Monday, May 30, 2011 4:30 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] M1 Yesterday [1 Attachment]

[Attachment(s) from Damian Gotch included below]
I just realised that I can post via email to add attachments. This is the Baildon plot of the M1 yesterday.

Damian

596. Re: SIDSuite now available through github

Yahoo group: Super_SID
Date: 2011-05-30 16:10:33 UTC
From: de_nv0n
Topic: 587 Message: 596

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> git@...:patchvonbraun/SIDSuite.git

Thanks Marcus. And it has all of the changes we talked about yesterday too! Thanks!

597. Re: M1 Yesterday [1 Attachment]

Yahoo group: Super_SID
Date: 2011-05-30 18:13:53 UTC
From: damiangotch
Topic: 593 Message: 597

Dave,
Thanks, yes I had sealed it originally with silicone but it did not set properly, this time I used exterior frame sealant so it should be OK now.
Damain

--- In Super_SID@yahoogroups.com, "Dave Benham" <dad@...> wrote:
>
> Damian,
>
> You might apply Coax-Seal to the outdoor end of your coax to prevent water
> intrusion in the future. It works well for Radio Jove antennas as well.
>
> http://www.coaxseal.com/
>
> A local ham radio operator may be able to tell you where to purchase it in
> Europe.
>
> Dave
>
>
> _____
>
> From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf
> Of Damian Gotch
> Sent: Monday, May 30, 2011 4:30 AM
> To: Super_SID@yahoogroups.com
> Subject: [Super_SID] M1 Yesterday [1 Attachment]
>
>
> [Attachment(s) from Damian Gotch included below]
> I just realised that I can post via email to add attachments. This is the
> Baildon plot of the M1 yesterday.
>
> Damian
>

598. Re: [Super_SID] SIDSuite now available through github

Yahoo group: Super_SID
Date: 2011-05-30 17:39:58 UTC
From: Myamiphil
Topic: 587 Message: 598

Is there a correction to the link... this doesn't work, even with copy and paste

This is what came from the link
http://us.mg3.mail.yahoo.com/dc/git%40github.com

Best Regards

Phil
Lat: 40.8367633
Long: -74.1768412

From: Marcus D. Leech <mleech@...>
To: Super_SID@yahoogroups.com
Sent: Sun, May 29, 2011 3:54:46 PM
Subject: [Super_SID] SIDSuite now available through github

git@...:patchvonbraun/SIDSuite.git

Gets you there.

Cheers

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

599. Re:

Yahoo group: Super_SID
Date: 2011-05-30 18:43:54 UTC
From: Marco-S52SK
Topic: 599 Message: 599

Hi to all!
Just became new member from Slovenia.With me everything working perfect, just I have problems in Excel to make some graph. Just ask is anywhere possible to get some instructions or tutorial how to do a graph in excel.

regards Marco

Marco Vidovic - S52SK
Slatina 77/a
2282 Cirkulane
SLOVENIA
http://www.s52sk.com
46 22 N - 15 58 E
GSM:031735736

600. Graphing in Excel Tutorial

Yahoo group: Super_SID
Date: 2011-05-30 21:23:46 UTC
From: Ronald Dell
Topic: 600 Message: 600

http://www.bing.com/videos/search?q=+instructions+or+tutorial+how+to+do+a+graph+in+excel.&qpvt=+instructions+or+tutorial+how+to+do+a+graph+in+excel.&FORM=VDRE
#
Ronald J. Dell

601. from a high school science teacher

Yahoo group: Super_SID
Date: 2011-05-31 00:42:52 UTC
From: Richard Kurtz
Topic: 601 Message: 601

Dear Super Sid group

One of my students who will join this group shortly is interested in developing a science research project.
Using SID. The student is going into 10th grade next September here on Long Island, New York.
We just received our Super Sid, I used the older model a few years ago, now I have a smart and curious student
who wants to explore.

Is there anyone out there who could work with us for a bit to help my student generate ideas.

Thanks
rich

602. Re: [Super_SID] from a high school science teacher

Yahoo group: Super_SID
Date: 2011-05-31 05:28:09 UTC
From: DIVYADARSHAN PUROHIT
Topic: 601 Message: 602

Dear Rich,

Super SID & Radio Jove both are very interesting & result oriental project to teach students radio astronomy & create interest for space science in them.For last 2 years I used the same to teach more than 25,000 students.

Start with some interested group.Go like this,(1)give introduction with help of multimedia for some days,let questions to be come from students then if you feel that they are eager to work on it then (2) Install the Antenna setup,receiver,pcsoftware by using their capabilities & interest then (3) Make them prepare to observe the signals,then (4) Make them communicate with the group.

Kindly keep in mind that we have to create space enthusiasts in students & not in learned professionals so use very smooth language & format in a manner that they can understand & take interest in it,so if required use multimedia session.

This is my fruitful experience which I have shared with you.
with best regards,
DDPurohit
On Tue, May 31, 2011 at 6:12 AM, Richard Kurtz <rkurtz3@...> wrote:

>
>
> Dear Super Sid group
>
> One of my students who will join this group shortly is interested in
> developing a science research project.
> Using SID. The student is going into 10th grade next September here on
> Long Island, New York.
> We just received our Super Sid, I used the older model a few years ago, now
> I have a smart and curious student
> who wants to explore.
>
> Is there anyone out there who could work with us for a bit to help my
> student generate ideas.
>
> Thanks
> rich
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,

Vadodara
India

603. Re:

Yahoo group: Super_SID
Date: 2011-05-31 18:50:27 UTC
From: damiangotch
Topic: 599 Message: 603

Hi Marco,

Welcome to the group, I have been looking at your data and it is excellent well done.
It can be fairly tricky to import the data into excel and graph it but I will try to send an example file to you and the instructions, I may have to run through it again myself first to get it right.
Best regards,
Damian (UK-Baildon 999)

--- In Super_SID@yahoogroups.com, Marco-S52SK <S52SK@...> wrote:
>
> Hi to all!
> Just became new member from Slovenia.With me everything working perfect, just I
> have problems in Excel to make some graph. Just ask is anywhere possible to get
> some instructions or tutorial how to do a graph in excel.
>
> regards Marco
>
> Marco Vidovic - S52SK
> Slatina 77/a
> 2282 Cirkulane
> SLOVENIA
> http://www.s52sk.com
> 46 22 N - 15 58 E
> GSM:031735736
>

604. Re: [Super_SID] Re:

Yahoo group: Super_SID
Date: 2011-05-31 18:54:52 UTC
From: Deborah Scherrer
Topic: 599 Message: 604

You can also use the plotting porgrams provided with the SuperSID monitor.
Quite easy to use. See page 28 of your SuperSID manual.

Deborah

On 5/31/2011 11:50 AM, damiangotch wrote:

Hi Marco,

Welcome to the group, I have been looking at your data and it is excellent well done.
It can be fairly tricky to import the data into excel and graph it but I will try to send an example file to you and the instructions, I may have to run through it again myself first to get it right.
Best regards,
Damian (UK-Baildon 999)

--- In Super_SID@yahoogroups.com, Marco-S52SK wrote:
>
> Hi to all!
> Just became new member from Slovenia.With me everything working perfect, just I
> have problems in Excel to make some graph. Just ask is anywhere possible to get
> some instructions or tutorial how to do a graph in excel.
>
> regards Marco
>
> Marco Vidovic - S52SK
> Slatina 77/a
> 2282 Cirkulane
> SLOVENIA
> http://www.s52sk.com
> 46 22 N - 15 58 E
> GSM:031735736
>

605. Newbee brought SID online

Yahoo group: Super_SID
Date: 2011-06-03 14:58:33 UTC
From: Jean-pierre Bolengo
Topic: 605 Message: 605

Hello all together
I've broughr my SID online last night. I've solved all this messy interferences. Hope my data are usefull.
Jean-Pierre

606. New Member

Yahoo group: Super_SID
Date: 2011-06-03 16:37:24 UTC
From: jtegerdine
Topic: 606 Message: 606

Hello, all...
My name is Jim Tegerdine. I live in Marysville, WA and have been using my SuperSID receiver for a few months, now. I look forward to sharing messages and information with you all.

Jim
Site ID: MPO

607. Win7 problem with SSID software

Yahoo group: Super_SID
Date: 2011-06-04 19:32:31 UTC
From: tomrdew
Topic: 607 Message: 607

I am trying to install SSID on a Windows 7 PC and
I am running into a problem. It says It can't find
site name. I installed the software on an XP and it works ok.
I also ran it in compatibility mode on win 7 but no joy. Any
suggestions?
Tom

608. Re: [Super_SID] Win7 problem with SSID software

Yahoo group: Super_SID
Date: 2011-06-06 16:20:29 UTC
From: WILLIAM & MELINDA LORD
Topic: 607 Message: 608

Hi Tom,

So you copied all of the folders to the C: drive and made a shortcut of supersid.exe on the desktop? Can you send a screen shot of the error message?

We do not have Win 7, hopefully someone who has it and is running SuperSID can help

Bill & Melinda Lord

www.tnSkyNet.com

www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Sat, 6/4/11, tomrdew <tomrdew5@...> wrote:

From: tomrdew <tomrdew5@...>
Subject: [Super_SID] Win7 problem with SSID software
To: Super_SID@yahoogroups.com
Date: Saturday, June 4, 2011, 2:32 PM

I am trying to install SSID on a Windows 7 PC and

I am running into a problem. It says It can't find

site name. I installed the software on an XP and it works ok.

I also ran it in compatibility mode on win 7 but no joy. Any

suggestions?

Tom

609. Re: Win7 problem with SSID software

Yahoo group: Super_SID
Date: 2011-06-08 18:11:21 UTC
From: tomrdew
Topic: 607 Message: 609

Hi Bill and Melinda
Now I deleted the software off the PC and reinstalled.
Still it says supersid site_id name not found. If you remove the supersid.cfg file totally it give the same message. I installed it on another Win7 PC and it works.. It is a puzzlement!! Ha Ha.. I at least know it works on Win 7 Home Premium 32bit.
Thanks Tom D

--- In Super_SID@...m, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Hi Tom,
>
> So you copied all of the folders to the C: drive and made a shortcut of supersid.exe on the desktop?Â Can you send a screen shot of the error message?
>
> We do not have Win 7, hopefully someone who has it and is running SuperSID can help
>
> Bill & Melinda Lord
>
> www.tnSkyNet.com
>
> www.radio-astronomy.org
>
>
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> --- On Sat, 6/4/11, tomrdew <tomrdew5@...> wrote:
>
> From: tomrdew <tomrdew5@...>
> Subject: [Super_SID] Win7 problem with SSID software
> To: Super_SID@yahoogroups.com
> Date: Saturday, June 4, 2011, 2:32 PM
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>
> I am trying to install SSID on a Windows 7 PC and
>
> I am running into a problem. It says It can't find
>
> site name. I installed the software on an XP and it works ok.
>
> I also ran it in compatibility mode on win 7 but no joy. Any
>
> suggestions?
>
> Tom
>

610. Re: SuperSID Signal Stays the Same

Yahoo group: Super_SID
Date: 2011-06-09 18:41:50 UTC
From: BRUCE
Topic: 515 Message: 610

Hi Rob,

I use a Acer to. I got an external USB Creative labs X-Fi surround 5.1 unit, works a lot better. Use the line output to go to the computer. You can see my set up here.

http://web.mac.com/picinapod/Sun_Gun/SRT.html

Thats not the Acer on my site, but have went back to it.

Regards

Bruce

--- In Super_SID@yahoogroups.com, Rob Steenburgh <rasteenb@...> wrote:
>
> Hello Group:
>
> I'm a brand new SuperSID user, having recently completed my antenna. The bad
> news is, I can't seem to receive any VLF stations. In fact, the signal never
> seems to change much with the preamp and antenna connected, the antenna
> disconnected, or all components disconnected. That doesn't sound right. I
> tested the continuity of my antenna and coax and found both to be good - no
> shorts in the coax or open circuit in the antenna. So I'm stumped.
>
> I've tried relocating the antenna in and outside of my house and seen some
> changes in low frequency noise levels. In hopes of obtaining a better signal, I
> took the unit to my workplace at the Space Weather Prediction Center, but still
> didn't have any luck.
>
> I've attached a pdf file with examples of my signal reception along with a
> picture of my antenna and a copy of my configuration file.
>
> I'm running the software on an ACER Aspire One netbook 1.6 GHz Atom processor
> running Windows XP, SP3. My audio is Realtek HD Audio with driver 5.10.0.5628.
>
> I have access to some basic electronic test equipment.
>
> Any help would be appreciated.
>
> Rob
>

611. Re: [Super_SID] Re: SuperSID Signal Stays the Same

Yahoo group: Super_SID
Date: 2011-06-09 18:59:26 UTC
From: WILLIAM & MELINDA LORD
Topic: 515 Message: 611

Hi Rob,

A common problem when you do not get a signal is the sound card settings. In the SuperSID folder you will find a Doc folder, Open this and go the SuperSID Manual. Verify sound card settings from page 20 and pages 62-65. Be sure the record volume is set to Max.

Bill & Melinda Lord

www.tnSkyNet.com

www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Thu, 6/9/11, BRUCE <brucehegerberg@...> wrote:

From: BRUCE <brucehegerberg@...>
Subject: [Super_SID] Re: SuperSID Signal Stays the Same
To: Super_SID@yahoogroups.com
Date: Thursday, June 9, 2011, 1:41 PM

Hi Rob,

I use a Acer to. I got an external USB Creative labs X-Fi surround 5.1 unit, works a lot better. Use the line output to go to the computer. You can see my set up here.

http://web.mac.com/picinapod/Sun_Gun/SRT.html

Thats not the Acer on my site, but have went back to it.

Regards

Bruce

--- In Super_SID@yahoogroups.com, Rob Steenburgh <rasteenb@...> wrote:

>

> Hello Group:

>

> I'm a brand new SuperSID user, having recently completed my antenna. The bad

> news is, I can't seem to receive any VLF stations. In fact, the signal never

> seems to change much with the preamp and antenna connected, the antenna

> disconnected, or all components disconnected. That doesn't sound right. I

> tested the continuity of my antenna and coax and found both to be good - no
> shorts in the coax or open circuit in the antenna. So I'm stumped.
>
> I've tried relocating the antenna in and outside of my house and seen some
> changes in low frequency noise levels. In hopes of obtaining a better signal, I
> took the unit to my workplace at the Space Weather Prediction Center, but still
> didn't have any luck.
>
> I've attached a pdf file with examples of my signal reception along with a
> picture of my antenna and a copy of my configuration file.
>
> I'm running the software on an ACER Aspire One netbook 1.6 GHz Atom processor
> running Windows XP, SP3. My audio is Realtek HD Audio with driver 5.10.0.5628.
>
> I have access to some basic electronic test equipment.
>
> Any help would be appreciated.
>
> Rob
>

612. Re: [Super_SID] Re: SuperSID Signal Stays the Same

Yahoo group: Super_SID
Date: 2011-06-10 06:39:54 UTC
From: Marco-S52SK
Topic: 515 Message: 612

Hi I had have same problem with receiving signal. I noticed that there may be problem with soundblaster.

Just go to playback control and disable Auxilary to mute than again Line in to mute and again Auxilaary to mute then signal go to normal receiving of VLF stations.

I hope that help

Marco

Marco Vidovic - S52SK
Slatina 77/a
2282 Cirkulane
SLOVENIA
http://www.s52sk.com
46 22 N - 15 58 E
GSM:031735736

From: BRUCE <brucehegerberg@...>
To: Super_SID@yahoogroups.com
Sent: Thu, June 9, 2011 8:41:50 PM
Subject: [Super_SID] Re: SuperSID Signal Stays the Same

Hi Rob,

I use a Acer to. I got an external USB Creative labs X-Fi surround 5.1 unit, works a lot better. Use the line output to go to the computer. You can see my set up here.

http://web.mac.com/picinapod/Sun_Gun/SRT.html

Thats not the Acer on my site, but have went back to it.

Regards

Bruce

--- In Super_SID@yahoogroups.com, Rob Steenburgh <rasteenb@...> wrote:
>
> Hello Group:
>
> I'm a brand new SuperSID user, having recently completed my antenna. The bad
> news is, I can't seem to receive any VLF stations. In fact, the signal never
> seems to change much with the preamp and antenna connected, the antenna
> disconnected, or all components disconnected. That doesn't sound right. I
> tested the continuity of my antenna and coax and found both to be good - no

> shorts in the coax or open circuit in the antenna. So I'm stumped.
>
> I've tried relocating the antenna in and outside of my house and seen some
> changes in low frequency noise levels. In hopes of obtaining a better signal,
>I
>
> took the unit to my workplace at the Space Weather Prediction Center, but still
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> didn't have any luck.
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> I've attached a pdf file with examples of my signal reception along with a
> picture of my antenna and a copy of my configuration file.
>
> I'm running the software on an ACER Aspire One netbook 1.6 GHz Atom processor
> running Windows XP, SP3. My audio is Realtek HD Audio with driver
5.10.0.5628.
>
> I have access to some basic electronic test equipment.
>
> Any help would be appreciated.
>
> Rob
>

613. Solar Prominces

Yahoo group: Super_SID
Date: 2011-06-12 19:15:40 UTC
From: jtegerdine
Topic: 613 Message: 613

Since VLF has been pretty quiet lately, I shot some solar images, using my Coronado PST and Nikon Coolpix camera. Processed and colorized in Photoshop. (See Photos / MPO

Jim.

614. MPO SSID ANTENNA

Yahoo group: Super_SID
Date: 2011-06-13 01:47:16 UTC
From: jtegerdine
Topic: 614 Message: 614

This is my 4' VLF antenna in Marysville, Washington. 30 wraps. Monitoring NPM and NAA. (See Photos / MPO)

615. June 14 M1.3 Flare

Yahoo group: Super_SID
Date: 2011-06-14 22:19:42 UTC
From: jtegerdine
Topic: 615 Message: 615

I just happened to be sitting at my computer when today's M1.3 popped. NPM's signal strength had been hovering between 32k and 35k most of the late morning and into the afternoon. Then, it suddenly began to climb, peaking out at around 60k.
As I'm writing this, I am watching the numbers very slowly drop. Pretty cool to catch it happening live. I was monitoring the GOES 1 minute Xray flux plot at the same time.

Jim

616. Re: [Super_SID] June 14 M1.3 Flare

Yahoo group: Super_SID
Date: 2011-06-14 22:41:13 UTC
From: Nicholas Gross
Topic: 615 Message: 616
Attachments: 1 described; binary payloads are missing from this source WARC

Nice Catch Jim!
There is a R1 radio blackout in progress.
http://www.swpc.noaa.gov/
You can see a model map for the affected region at
http://www.swpc.noaa.gov/drap/global.html

It is early evening here on the East Coast so it is the West Coast and
Pacific that is affected.

Looking at SDO images of the Sun, it looks like it is an active region
just rotating in the view that is the cause. http://sdo.gsfc.nasa.gov/data/
If so then it could be a busy week as the active region rotates across
the Sun.

Nick

On 6/14/11 6:19 PM, jtegerdine wrote:
> I just happened to be sitting at my computer when today's M1.3 popped. NPM's signal strength had been hovering between 32k and 35k most of the late morning and into the afternoon. Then, it suddenly began to climb, peaking out at around 60k.
> As I'm writing this, I am watching the numbers very slowly drop. Pretty cool to catch it happening live. I was monitoring the GOES 1 minute Xray flux plot at the same time.
>
> Jim
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

617. Re: June 14 M1.3 Flare

Yahoo group: Super_SID
Date: 2011-06-14 22:45:40 UTC
From: jtegerdine
Topic: 615 Message: 617

Thanks for the info. The SDO site was the first place I looked, and yes...it appears that the region on the eastern limb is the culprit (1235?).

--- In Super_SID@yahoogroups.com, Nicholas Gross <gross@...> wrote:
>
> Nice Catch Jim!
> There is a R1 radio blackout in progress.
> http://www.swpc.noaa.gov/
> You can see a model map for the affected region at
> http://www.swpc.noaa.gov/drap/global.html
>
> It is early evening here on the East Coast so it is the West Coast and
> Pacific that is affected.
>
> Looking at SDO images of the Sun, it looks like it is an active region
> just rotating in the view that is the cause. http://sdo.gsfc.nasa.gov/data/
> If so then it could be a busy week as the active region rotates across
> the Sun.
>
> Nick
>
>
> On 6/14/11 6:19 PM, jtegerdine wrote:
> > I just happened to be sitting at my computer when today's M1.3 popped. NPM's signal strength had been hovering between 32k and 35k most of the late morning and into the afternoon. Then, it suddenly began to climb, peaking out at around 60k.
> > As I'm writing this, I am watching the numbers very slowly drop. Pretty cool to catch it happening live. I was monitoring the GOES 1 minute Xray flux plot at the same time.
> >
> > Jim
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
>
>
> --
> Nicholas Gross, Ph.D.
> co-Director for Education
> Center for Integrated Space Weather Modeling

> Astronomy Department, Boston University
> gross@...
> 617-358-3245
>

618. M1.3 Flare Plot Posted

Yahoo group: Super_SID
Date: 2011-06-14 23:06:32 UTC
From: jtegerdine
Topic: 618 Message: 618

I posted a preliminary plot from my spreadsheet, showing the M1.3 flare today. See Photos / MPO.

619. Re: [Super_SID] M1.3 Flare Plot Posted

Yahoo group: Super_SID
Date: 2011-06-14 23:38:52 UTC
From: Marcus D. Leech
Topic: 618 Message: 619

On 06/14/2011 07:06 PM, jtegerdine wrote:
>
> I posted a preliminary plot from my spreadsheet, showing the M1.3
> flare today. See Photos / MPO.
>
I captured it in my NML data. Normally, NAA is my best station for
these, but Mondays, NAA goes off the air for maintenance.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

620. Fwd: sunspots are to hibernate?

Yahoo group: Super_SID
Date: 2011-06-15 15:35:18 UTC
From: Deborah Scherrer
Topic: 620 Message: 620

-------- Original Message --------
Subject: sunspots are to hibernate?
Date: Wed, 15 Jun 2011 00:07:01 -0700 (PDT)
From: Junwei Zhao <junwei@...>
To: local@...

Read the news released today at SPD:

http://news.yahoo.com/s/afp/20110614/ts_afp/usspacesun

Junwei

621. Re: [Super_SID] Fwd: sunspots are to hibernate?

Yahoo group: Super_SID
Date: 2011-06-15 16:51:26 UTC
From: Sal Gino
Topic: 620 Message: 621

I also saw this article this morning. I don't believe they know what they are talking about. I think that the solar minimum was protracted but that we will see a normal sunspot maximum around 2013. I always believed, and still believe, that scientists do not know nearly as much about the sun as they want us to believe. There are more mysteries about the sun and stars than what we already know about them. I don't believe that anyone can predict what will happen on the sun or a star.

Sal Giandinoto, Ph.D.
KM6JD

From: Deborah Scherrer <dscherrer@...>
To: Super_SID@yahoogroups.com
Sent: Wed, June 15, 2011 8:35:18 AM
Subject: [Super_SID] Fwd: sunspots are to hibernate?

-------- Original Message --------
Subject: sunspots are to hibernate?
Date: Wed, 15 Jun 2011 00:07:01 -0700 (PDT)
From: Junwei Zhao <junwei@...>
To: local@...

Read the news released today at SPD:

http://news.yahoo.com/s/afp/20110614/ts_afp/usspacesun

Junwei

622. Re: [Super_SID] M1.3 Flare Plot Posted

Yahoo group: Super_SID
Date: 2011-06-15 22:47:57 UTC
From: Jaap Akkerhuis
Topic: 618 Message: 622

On Jun 15, 2011, at 1:38, Marcus D. Leech wrote:

> I captured it in my NML data. Normally, NAA is my best station for these, but Mondays, NAA goes off the air for maintenance.

If I look at the data browser, it looks like NAA never came out of maintenance.

jaap

623. Re: [Super_SID] M1.3 Flare Plot Posted

Yahoo group: Super_SID
Date: 2011-06-15 23:27:24 UTC
From: Marcus D. Leech
Topic: 618 Message: 623

>
> On Jun 15, 2011, at 1:38, Marcus D. Leech wrote:
>
> > I captured it in my NML data. Normally, NAA is my best station for
> these, but Mondays, NAA goes off the air for maintenance.
>
> If I look at the data browser, it looks like NAA never came out of
> maintenance.
>
> jaap
>
Looks like you're right. Just check my trace for NAA right now, and
it's right down in the noise. Weird.

Actually, it's there, but about 15-20dB below normal levels for this
time of day. I wonder what's up?
> <http://groups.yahoo.com/;_ylc=X3oDMTJlcjYyNm5qBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdyc
HNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTMwODE3ODA4Ng-->
>
> Switch
> <mailto:Super_SID-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Trad
itional><mailto:Super_SID-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest><mailt
o:Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe><http://docs.yahoo.com/info/te
rms/>
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

624. NAA

Yahoo group: Super_SID
Date: 2011-06-18 15:54:36 UTC
From: Marcus D. Leech
Topic: 624 Message: 624

Anyone know what's been up with NAA for the last several days? It seems
to be operating on *significantly* less power.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

625. Re: NAA

Yahoo group: Super_SID
Date: 2011-06-18 16:28:22 UTC
From: jtegerdine
Topic: 624 Message: 625

What is your current NAA signal strength?

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> Anyone know what's been up with NAA for the last several days? It seems
> to be operating on *significantly* less power.
>
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

626. Re: [Super_SID] Re: NAA

Yahoo group: Super_SID
Date: 2011-06-18 17:57:25 UTC
From: Marcus D. Leech
Topic: 624 Message: 626

> What is your current NAA signal strength?
>
>
>
Roughly 10dB out of the noise. This time of day, normally, it's about
18-20dB out of the noise.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

627. Re: [Super_SID] Re: NAA

Yahoo group: Super_SID
Date: 2011-06-18 18:35:51 UTC
From: Marcus D. Leech
Topic: 624 Message: 627

> What is your current NAA signal strength?
>
>
>
And it just dropped away entirely--staggered its way down from 10dB out
of the noise to *nothing*.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

628. NAA

Yahoo group: Super_SID
Date: 2011-06-21 01:21:50 UTC
From: Marcus D. Leech
Topic: 624 Message: 628

NAA appears to be back on the air, but with what appears to be a
slightly-wider and different modulation system.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

629. RE: [Super_SID] NAA

Yahoo group: Super_SID
Date: 2011-06-21 02:29:39 UTC
From: Dave Benham
Topic: 624 Message: 629

I've seen this before. It's quite evident on Spectrum Lab, or the like. I don't believe this signal carries any intelligence -- at least not like it normally does.

Dave Benham
McMath-Hulbert Solar Observatory
Lake Angelus, MI

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Marcus D. Leech
Sent: Monday, June 20, 2011 9:22 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] NAA

NAA appears to be back on the air, but with what appears to be a slightly-wider and different modulation system.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

630. UK-Baildon relocation

Yahoo group: Super_SID
Date: 2011-06-24 11:54:24 UTC
From: damiangotch
Topic: 630 Message: 630

Hi members,

David & I have donated the SuperSID monitor to Titus Salt School (which David attends) where it will be set up as a teaching project for the benefit of all the students.

The monitor will be off line for a period until a suitable location is found. We thank everyone for there support and I will continue to be involved in the project.

Best Regards,

Damian & David.

631. Odd Spike

Yahoo group: Super_SID
Date: 2011-06-25 04:21:38 UTC
From: jtegerdine
Topic: 631 Message: 631

Anyone have any idea what the odd spike in the plot was around 1900-2000 ut on the 24th? No flares reported. I noticed it on my NPM plot, as well as some others (NAA, NLK, JJI, NWC). When I first checked my SSID plot, I thought maybe it was a local anomoly. Apparently not....

632. Re: Odd Spike

Yahoo group: Super_SID
Date: 2011-06-25 14:05:28 UTC
From: Dr S. Aguirre
Topic: 631 Message: 632

Hi jtegerdine and everyone.

I Think capture the same event, my SID Code is AGUSA2.

here the photos:

http://sid.stanford.edu/database-browser/browse.jsp?date=2011-06-24T00.00.00

 anyone have any explanation for this event (peak)??

Best regards

Salvador.

633. SIDSuite update

Yahoo group: Super_SID
Date: 2011-07-01 18:27:49 UTC
From: Marcus D. Leech
Topic: 633 Message: 633

I've updated the SIDSuite code on GIThub. A minor update that widens
the channel bandwidth from 200Hz to 400Hz, I'm hoping that this will
improve sensitivity a bit without including too much non-signal noise
in the detectors.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

634. Data

Yahoo group: Super_SID
Date: 2011-07-02 15:09:31 UTC
From: wb9rim
Topic: 634 Message: 634

I'm not seeing any data from 7-1-11 is there a problem with the servers.
Danny
WB9RIM

635. RE: [Super_SID] Data

Yahoo group: Super_SID
Date: 2011-07-02 22:18:04 UTC
From: Dave Benham
Topic: 634 Message: 635

They may be shut down for the holiday weekend. I see some data there, but it's a rather light load and mostly from Asia and Europe -- those data may have come in before the shutdown.

Dave K8TRF
McMath-Hulbert Solar Observatory

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of wb9rim
Sent: Saturday, July 02, 2011 11:10 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Data

I'm not seeing any data from 7-1-11 is there a problem with the servers.
Danny
WB9RIM

636. SSID Plot July 3

Yahoo group: Super_SID
Date: 2011-07-04 00:26:31 UTC
From: jtegerdine
Topic: 636 Message: 636

Ok...so the Stanford server is down for the holiday....
My NPM plot for July 3 can be seen in Photos > MPO.

Have a safe holiday, everyone!

Jim
MPO

637. How are you get the data of solar events in the dataplot

Yahoo group: Super_SID
Date: 2011-07-04 08:21:38 UTC
From: Jean-pierre Bolengo
Topic: 637 Message: 637

Hello
I'm interested in getting the data like "C.1" etc. that you are plotting in our datas.

Have a good birthday of the USA
Jean-Pierre

638. RE: [Super_SID] How are you get the data of solar events in the dataplot

Yahoo group: Super_SID
Date: 2011-07-04 13:26:44 UTC
From: Dave Benham
Topic: 637 Message: 638

Hello,

I believe the index is established by the GOES satellite system based on the amount of energy released by the sun.

The site below has the current text reports.
http://www.swpc.noaa.gov/ftpdir/indices/events/events.txt

Historical text report information is available here.
http://www.swpc.noaa.gov/ftpdir/indices/events/

Daily graphical plots are available here.
http://www.swpc.noaa.gov/rt_plots/xray_5m.html

This site tells you how to interpret the reports.
http://www.swpc.noaa.gov/ftpdir/indices/events/README

Dave
McMath-Hulbert Solar Observatory

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Jean-pierre Bolengo
Sent: Monday, July 04, 2011 4:22 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] How are you get the data of solar events in the dataplot

Hello
I'm interested in getting the data like "C.1" etc. that you are plotting in our datas.

Have a good birthday of the USA
Jean-Pierre

639. Re: [Super_SID] How are you get the data of solar events in the dataplot

Yahoo group: Super_SID
Date: 2011-07-04 14:42:23 UTC
From: WILLIAM & MELINDA LORD
Topic: 637 Message: 639

You can look at GOES data here http://www.swpc.noaa.gov/rt_plots/xray_5m.html and http://www.swpc.noaa.gov/ftpmenu/indices/events.html

Look at pages 37 to 39 in the SuperSID Manual found under your SuperSID folder on the CD or your computer in the Doc folder for more information.

Bill & Melinda Lord

www.tnSkyNet.com

www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Mon, 7/4/11, Jean-pierre Bolengo <jpbolengo@...> wrote:

From: Jean-pierre Bolengo <jpbolengo@...>
Subject: [Super_SID] How are you get the data of solar events in the dataplot
To: Super_SID@yahoogroups.com
Date: Monday, July 4, 2011, 3:21 AM

Hello

I'm interested in getting the data like "C.1" etc. that you are plotting in our datas.

Have a good birthday of the USA

Jean-Pierre

640. SID data access is definitely bogued

Yahoo group: Super_SID
Date: 2011-07-05 02:03:55 UTC
From: Marcus D. Leech
Topic: 640 Message: 640

It's not showing a *lot* of data that must have been uploaded in the
last couple of days, including my own.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

641. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2011-07-05 02:05:25 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 641

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /MPO PLOT (NPM) JULY 4.png
Uploaded by : jtegerdine <jtegerdine@...>
Description : MPO PLOT JULY 4 (NPM)

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/MPO%20PLOT%20%28NPM%29%20JULY%204.png

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

642. Re: [Super_SID] How are you get the data of solar events in the dataplot

Yahoo group: Super_SID
Date: 2011-07-06 08:29:47 UTC
From: Jean-pierre Bolengo
Topic: 637 Message: 642

Thanks Dave
It was just that what I was looking for ;-)
Jean-Pierre

From: Dave Benham <dad@...>
To: Super_SID@yahoogroups.com
Sent: Mon, July 4, 2011 3:26:44 PM
Subject: RE: [Super_SID] How are you get the data of solar events in the dataplot

Hello,

I believe the index is established by the GOES satellite system based on the amount of energy released by the sun.

The site below has the current text reports.
http://www.swpc.noaa.gov/ftpdir/indices/events/events.txt

Historical text report information is available here.
http://www.swpc.noaa.gov/ftpdir/indices/events/

Daily graphical plots are available here.
http://www.swpc.noaa.gov/rt_plots/xray_5m.html

This site tells you how to interpret the reports.
http://www.swpc.noaa.gov/ftpdir/indices/events/README

Dave
McMath-Hulbert Solar Observatory

From: Super_SID@yahoogroups.com [mailto:Super_SID@...m] On Behalf Of Jean-pierre Bolengo
Sent: Monday, July 04, 2011 4:22 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] How are you get the data of solar events in the dataplot

Hello
I'm interested in getting the data like "C.1" etc. that you are plotting in our datas.

Have a good birthday of the USA
Jean-Pierre

643. SID data still not right

Yahoo group: Super_SID
Date: 2011-07-07 00:41:56 UTC
From: Marcus D. Leech
Topic: 643 Message: 643

The SID data on the data page seems to be missing just about every
station, except GER-ASB and China-13.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

644. Re: [Super_SID] SID data still not right

Yahoo group: Super_SID
Date: 2011-07-07 13:56:43 UTC
From: WILLIAM & MELINDA LORD
Topic: 643 Message: 644

Hi Folks,
Debbie at Stanford is out of he country, not sure when she will return. So it may be a few days before this is resolved.

Bill & Melinda Lord

www.tnSkyNet.com

www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 7/6/11, Marcus D. Leech <mleech@...> wrote:

From: Marcus D. Leech <mleech@...>
Subject: [Super_SID] SID data still not right
To: Super_SID@yahoogroups.com
Date: Wednesday, July 6, 2011, 7:41 PM

The SID data on the data page seems to be missing just about every

station, except GER-ASB and China-13.

--

Marcus Leech

Principal Investigator

Shirleys Bay Radio Astronomy Consortium

http://www.sbrac.org

645. Where to buy a Super SID??

Yahoo group: Super_SID
Date: 2011-07-07 00:49:23 UTC
From: mondior63
Topic: 645 Message: 645

Can someone please post a link to a sight that actually sells the Super SID! I have googled and all I can find are sites talking about using them or groups that are already setup and using them. Any help is greatly appreciated.

646. Re: [Super_SID] Where to buy a Super SID??

Yahoo group: Super_SID
Date: 2011-07-07 14:47:12 UTC
From: WILLIAM & MELINDA LORD
Topic: 645 Message: 646
Attachments: 1 described; binary payloads are missing from this source WARC

Here is the order form. Complete it and send to us as
ap_guardian@yahoo.com

Bill & Melinda Lord

www.tnSkyNet.com

www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--- On Wed, 7/6/11, mondior63 <mondior@zoominternet.net> wrote:

From: mondior63 <mondior@...>
Subject: [Super_SID] Where to buy a Super SID??
To: Super_SID@yahoogroups.com
Date: Wednesday, July 6, 2011, 7:49 PM

Can someone please post a link to a sight that actually sells the Super SID! I have googled and all I can find are sites talking about using them or groups that are already setup and using them. Any help is greatly appreciated.

647. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2011-07-10 00:41:37 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 647

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /MPO PLOT (NPM) JULY 9.png
Uploaded by : jtegerdine <jtegerdine@...>
Description : MPO PLOT (NPM) JULY 9

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/MPO%20PLOT%20%28NPM%29%20JULY%209.png

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

648. http://solar-center.stanford.edu/SID/map/

Yahoo group: Super_SID
Date: 2011-07-12 14:14:15 UTC
From: Jean-pierre Bolengo
Topic: 648 Message: 648

Hello
It would be nice to have an updated map of all stations around the world. I need it for a lecture.

Thanks
Jean-Pierre

649. If NML were a cartoon, it would be drawn with "X" for eyes right now

Yahoo group: Super_SID
Date: 2011-07-17 23:26:19 UTC
From: Marcus D. Leech
Topic: 649 Message: 649

Several drop-outs in the data over the course of 20 minutes, then it
went silent.

Checked the North American lightning maps, and sure enough, ND is
currently getting hammered with an electrical storm, as is my
part of the world....

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

650. SoundBlaster Audigy Device Control

Yahoo group: Super_SID
Date: 2011-07-20 16:42:38 UTC
From: jtegerdine
Topic: 650 Message: 650

Can someone remind me where to find the Device Control icon for my Soundblaster Audigy sound card? On my original install, it DID NOT show up in the Control Panel > Sounds, speech and audio devices window. I did manage to poke around in my computer files and found it, then placed it manually on my desktop. But I recently had to do a System Recovery and now I can't remember where that was. Help???

651. RE: [Super_SID] SoundBlaster Audigy Device Control

Yahoo group: Super_SID
Date: 2011-07-20 17:42:28 UTC
From: Dave Benham
Topic: 650 Message: 651

Try system>hardware>device manager. This may be different with every version of XP, Vista, 7.

Dave

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of jtegerdine
Sent: Wednesday, July 20, 2011 12:43 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] SoundBlaster Audigy Device Control

Can someone remind me where to find the Device Control icon for my Soundblaster Audigy sound card? On my original install, it DID NOT show up in the Control Panel > Sounds, speech and audio devices window. I did manage to poke around in my computer files and found it, then placed it manually on my desktop. But I recently had to do a System Recovery and now I can't remember where that was. Help???

652. Re: SoundBlaster Audigy Device Control

Yahoo group: Super_SID
Date: 2011-07-21 03:00:41 UTC
From: jtegerdine
Topic: 650 Message: 652

Thanks for the tip, Dave. No luck. I need to change the sampling rate from 48 to 96, and accessing that icon was how I did it last time. Any other ideas?

--- In Super_SID@yahoogroups.com, "jtegerdine" <jtegerdine@...> wrote:
>
> Can someone remind me where to find the Device Control icon for my Soundblaster Audigy sound card? On my original install, it DID NOT show up in the Control Panel > Sounds, speech and audio devices window. I did manage to poke around in my computer files and found it, then placed it manually on my desktop. But I recently had to do a System Recovery and now I can't remember where that was. Help???
>

653. Re: SoundBlaster Audigy Device Control

Yahoo group: Super_SID
Date: 2011-07-21 07:24:02 UTC
From: mondior63
Topic: 650 Message: 653

--- In Super_SID@yahoogroups.com, "jtegerdine" <jtegerdine@...> wrote:
>
> Can someone remind me where to find the Device Control icon for my Soundblaster Audigy sound card? On my original install, it DID NOT show up in the Control Panel > Sounds, speech and audio devices window. I did manage to poke around in my computer files and found it, then placed it manually on my desktop. But I recently had to do a System Recovery and now I can't remember where that was. Help???
>
Try This:

1.) Open Control Panel and Select Category View

2.) In Category View you click on Sounds, Speech and Audio Devices

3.) Click on Device Control

The window should have a tab with PCI/USB this is where you set the sampling rate.

Hope this helps.

--> Sam D

654. Sound Blaster Audigy

Yahoo group: Super_SID
Date: 2011-07-21 16:47:57 UTC
From: jtegerdine
Topic: 654 Message: 654

Complete re-install did it.
My SSID is back online at 96 khz.
Life is good today.....

655. M9 FLARE

Yahoo group: Super_SID
Date: 2011-07-30 04:57:26 UTC
From: jtegerdine
Topic: 655 Message: 655

Did anyone else happen to capture the M9 at 0200 July 30?
Looks like we may be in for more of the same over the next little while....

656. Re: M9 FLARE

Yahoo group: Super_SID
Date: 2011-07-30 18:16:54 UTC
From: mondior63
Topic: 655 Message: 656

My system hasn't save that Data yet. I did plot out the current buffer and it looks like I may havae something just before 2am. I will post further when I get the chance.

--> Sam D

P.S. How do you atach an attachment to the posts?

--- In Super_SID@yahoogroups.com, "jtegerdine" <jtegerdine@...> wrote:
>
> Did anyone else happen to capture the M9 at 0200 July 30?
> Looks like we may be in for more of the same over the next little while....
>

657. Re: [Super_SID] Re: M9 FLARE

Yahoo group: Super_SID
Date: 2011-07-31 10:31:17 UTC
From: arnoldwo@aol.com
Topic: 655 Message: 657

Is Your reported time GMT ?

Wolfgang

In einer eMail vom 30.07.2011 20:17:21 W. Europe Daylight Time schreibt
mondior@...:

--- In _Super_SID@yahoogroups.com_ (mailto:Super_SID@yahoogroups.com) ,
"jtegerdine" <jtegerdine@...> wrote:
>
> Did anyone else happen to capture the M9 at 0200 July 30?
> Looks like we may be in for more of the same over the next little
while....
>

658. Re: [Super_SID] Re: M9 FLARE

Yahoo group: Super_SID
Date: 2011-07-31 15:12:44 UTC
From: WILLIAM & MELINDA LORD
Topic: 655 Message: 658

Yes, we use GMT

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "arnoldwo@..." <arnoldwo@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, July 31, 2011 5:31 AM
Subject: Re: [Super_SID] Re: M9 FLARE

Is Your reported time GMT ?

Wolfgang

In einer eMail vom 30.07.2011 20:17:21 W. Europe Daylight Time schreibt
mondior@...:

>--- In Super_SID@yahoogroups.com, "jtegerdine" <jtegerdine@...> wrote:
>>
>> Did anyone else
happen to capture the M9 at 0200 July 30?
>> Looks like we may be in for
more of the same over the next little
>while....
>>
>
>

659. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2011-08-02 14:57:49 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 659

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /M 1.4 080211 0619 UTC.jpg
Uploaded by : jtegerdine <jtegerdine@...>
Description : Preliminary Plot Aug 2 M1.4 lost in nighttime noise !!!!

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/M%201.4%20080211%200619%20UTC.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

660. No fair!

Yahoo group: Super_SID
Date: 2011-08-03 07:16:42 UTC
From: Marcus D. Leech
Topic: 660 Message: 660

A couple of M-class flares in the last 48 hours, and the Sun was waaay
below the horizon for me
both times. Boo. Hiss. Should I register a complaint with the
U.N.? :-)

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

661. RE: [Super_SID] No fair!

Yahoo group: Super_SID
Date: 2011-08-03 13:49:17 UTC
From: Dave Benham
Topic: 660 Message: 661

Try the M-class happening right now.

Dave
McMath-Hulbert Solar Observatory

_____

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Marcus D. Leech
Sent: Wednesday, August 03, 2011 3:17 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] No fair!

A couple of M-class flares in the last 48 hours, and the Sun was waaay below the horizon for me
both times. Boo. Hiss. Should I register a complaint with the U.N.? :-)

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

662. Re: [Super_SID] No fair!

Yahoo group: Super_SID
Date: 2011-08-03 13:51:54 UTC
From: Marcus D. Leech
Topic: 660 Message: 662

On 03/08/2011 9:49 AM, Dave Benham wrote:
>
> Try the M-class happening right now.
>
> Dave
>
> McMath-Hulbert Solar Observatory
>
> --
>
Cool!

663. Re: No fair!

Yahoo group: Super_SID
Date: 2011-08-03 16:21:13 UTC
From: abrandi2000
Topic: 660 Message: 663

Hello Marcus,

today we got a strong M6 flare on good visiable on VLF

http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/1372694413/view

and also the 410Mhz Radioburst

http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/1066444904/view

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> On 03/08/2011 9:49 AM, Dave Benham wrote:
> >
> > Try the M-class happening right now.
> >
> > Dave
> >
> > McMath-Hulbert Solar Observatory
> >
> > --
> >
> Cool!
>

664. Re: [Super_SID] Re: No fair!

Yahoo group: Super_SID
Date: 2011-08-03 16:47:05 UTC
From: Marcus D. Leech
Topic: 660 Message: 664

On 03/08/2011 12:21 PM, abrandi2000 wrote:
>
> Hello Marcus,
>
> today we got a strong M6 flare on good visiable on VLF
>
> http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/1372694413/view
>
> and also the 410Mhz Radioburst
>
> http://groups.yahoo.com/group/Super_SID/photos/album/1857854745/pic/1066444904/view
>
> regards,
> Karl-Heinz
>
> -
>
I'll check my VLF receiver and 38MHz riometer records when I get home.

Cheers

665. Project Ideas

Yahoo group: Super_SID
Date: 2011-08-03 20:30:17 UTC
From: anthonytec2
Topic: 665 Message: 665

I am currently trying to find a research project idea doing with the super sid. I was thinking of designing some program to look through the data and identify solar flares. Then based on past 11 year cycle gauge the intensity of the solar flare for example is it higher then 11 years ago or lower and based on this scale the data to predict solar storms. If anybody has any good research ideas please post.

666. Re: [Super_SID] Project Ideas

Yahoo group: Super_SID
Date: 2011-08-04 14:25:10 UTC
From: WILLIAM & MELINDA LORD
Topic: 665 Message: 666

There are some other suggested research ideas in the SuperSID Doc folder under Research Manual.

Also, Stanford does have data collected by SID monitors for several years and may be able to send you files to look at.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: anthonytec2 <anthonytec2@...>
To: Super_SID@yahoogroups.com
Sent: Wednesday, August 3, 2011 3:30 PM
Subject: [Super_SID] Project Ideas

I am currently trying to find a research project idea doing with the super sid. I was thinking of designing some program to look through the data and identify solar flares. Then based on past 11 year cycle gauge the intensity of the solar flare for example is it higher then 11 years ago or lower and based on this scale the data to predict solar storms. If anybody has any good research ideas please post.

667. Re: Project Ideas

Yahoo group: Super_SID
Date: 2011-08-07 17:16:07 UTC
From: BRUCE
Topic: 665 Message: 667

I would like to see a program that you select what freq. you what to use, and display it in a real time strip chart, that you can print out with time and date.

Regards

Bruce

--- In Super_SID@yahoogroups.com, "anthonytec2" <anthonytec2@...> wrote:
>
> I am currently trying to find a research project idea doing with the super sid. I was thinking of designing some program to look through the data and identify solar flares. Then based on past 11 year cycle gauge the intensity of the solar flare for example is it higher then 11 years ago or lower and based on this scale the data to predict solar storms. If anybody has any good research ideas please post.
>

668. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2011-08-08 20:20:50 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 668

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /M3.5 AUG 8.jpg
Uploaded by : jtegerdine <jtegerdine@...>
Description : Partial data shows M3.5 on my MPO plot!

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/M3.5%20AUG%208.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

669. X6,x Flare 08:01h 09.08.2011

Yahoo group: Super_SID
Date: 2011-08-09 08:50:11 UTC
From: abrandi2000
Topic: 669 Message: 669

Hello all,

wow, we got since years our first X6,x Flare.

check your SuperSID's !!

KH

670. Re: [Super_SID] X6,x Flare 08:01h 09.08.2011

Yahoo group: Super_SID
Date: 2011-08-09 18:34:35 UTC
From: Marcus D. Leech
Topic: 669 Message: 670

On 08/09/2011 04:50 AM, abrandi2000 wrote:
>
> Hello all,
>
> wow, we got since years our first X6,x Flare.
>
> check your SuperSID's !!
>
> KH
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

671. Re: [Super_SID] X6,x Flare 08:01h 09.08.2011

Yahoo group: Super_SID
Date: 2011-08-10 20:48:43 UTC
From: Nicholas Gross
Topic: 669 Message: 671
Attachments: 1 described; binary payloads are missing from this source WARC

Looks like the last hoorah for now from a series of active regions that
just rotated around the Eastern limb of the Sun. Here is the video
showing the location of the flare.

http://sdo.gsfc.nasa.gov/assets/img/dailymov/2011/08/09/20110809_1024_0193.mpg

Nick

On 8/9/11 2:34 PM, Marcus D. Leech wrote:
>
>
> On 08/09/2011 04:50 AM, abrandi2000 wrote:
>>
>> Hello all,
>>
>> wow, we got since years our first X6,x Flare.
>>
>> check your SuperSID's !!
>>
>> KH
>>
>
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>
>
>

--
Nicholas Gross, Ph.D.
co-Director for Education
Center for Integrated Space Weather Modeling
Astronomy Department, Boston University
gross@...
617-358-3245

672. Data server

Yahoo group: Super_SID
Date: 2011-08-18 05:49:37 UTC
From: wb9rim
Topic: 672 Message: 672

Anyone know whats going on with the data server at Stanford? looks like it's been down for the last 2 days.
Danny

673. Re: [Super_SID] Data server

Yahoo group: Super_SID
Date: 2011-08-18 16:11:38 UTC
From: Deborah Scherrer
Topic: 672 Message: 673

OK, we're working on this....

Deborah Scherrer

On 8/17/2011 10:49 PM, wb9rim wrote:
> Anyone know whats going on with the data server at Stanford? looks like
> it's been down for the last 2 days.
> Danny
>
>

674. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2011-08-21 01:21:36 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 674

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /NPM MPO AUG 20.jpg
Uploaded by : jtegerdine <jtegerdine@...>
Description : A C2.9 detected from MPO SSID at 2300 Aug 20

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/NPM%20%20MPO%20AUG%2020.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

675. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2011-08-21 13:49:58 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 675

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /SSID GOOD MORNING.jpg
Uploaded by : jtegerdine <jtegerdine@...>
Description : GOOD MORNING !

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/SSID%20GOOD%20MORNING.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

676. Anyone from Bulgaria or Montreal Canada

Yahoo group: Super_SID
Date: 2011-08-21 02:24:37 UTC
From: jennifer27usa,
Topic: 676 Message: 676

Hi,
Are there any members here from Bulgaria (Plovdiv) and Montreal Canada?
Thanks,
Robert Weisbloom
robertweisbloom@...

677. Data

Yahoo group: Super_SID
Date: 2011-08-28 14:47:01 UTC
From: wb9rim
Topic: 634 Message: 677

Good morning I have been working on a presentation for my local Ham club. Could some one give me a short outline of how data is used. That is uploaded to the server each day.
Thanks
Danny WB9RIM

678. Re: [Super_SID] Anyone from Bulgaria or Montreal Canada

Yahoo group: Super_SID
Date: 2011-08-30 14:27:36 UTC
From: WILLIAM & MELINDA LORD
Topic: 676 Message: 678

Hi Robert,
We do not have any SuperSID units in Bulgaria or Montreal. We have some units in Alberta, British Columbia, Manitoba, Ontario and Quebec, Canada and in many European countries.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "jennifer27usa," <robertweisbloom@...>
To: Super_SID@yahoogroups.com
Sent: Saturday, August 20, 2011 9:24 PM
Subject: [Super_SID] Anyone from Bulgaria or Montreal Canada

Hi,
Are there any members here from Bulgaria (Plovdiv) and Montreal Canada?
Thanks,
Robert Weisbloom
robertweisbloom@gmail.com

679. Re: [Super_SID] Anyone from Bulgaria or Montreal Canada

Yahoo group: Super_SID
Date: 2011-09-02 00:49:55 UTC
From: Deborah Scherrer
Topic: 676 Message: 679

There is one site that has an old, original SID in Bulgaria:

Yuri Gagarin Public Astronomical Observatory & Planetarium
Alexey Stoev
Stoev52@...

Good luck!

Deborah Scherrer

On 8/30/2011 7:27 AM, WILLIAM & MELINDA LORD wrote:

Hi Robert,

We do not have any SuperSID units in Bulgaria or Montreal. We have some units in Alberta, British Columbia, Manitoba, Ontario and Quebec, Canada and in many European countries.

Bill & Melinda Lord
www.tnSkyNet.com (http://www.tnSkyNet.com)
www.radio-astronomy.org (http://www.radio-astronomy.org)

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "jennifer27usa,"
To: Super_SID@yahoogroups.com
Sent: Saturday, August 20, 2011 9:24 PM
Subject: [Super_SID] Anyone from Bulgaria or Montreal Canada

Hi,
Are there any members here from Bulgaria (Plovdiv) and Montreal Canada?
Thanks,
Robert Weisbloom
robertweisbloom@...

680. Re: [Super_SID] Anyone from Bulgaria or Montreal Canada

Yahoo group: Super_SID
Date: 2011-09-02 01:01:38 UTC
From: André Choquette
Topic: 676 Message: 680

There is one really close to Montréal, mine !

André Choquette

2011/9/1 Deborah Scherrer <dscherrer@...>

> **
>
>
> ** There is one site that has an old, original SID in Bulgaria:
>
> Yuri Gagarin Public Astronomical Observatory & Planetarium
> Alexey Stoev
> Stoev52@...
>
> Good luck!
>
> Deborah Scherrer
>
>
> On 8/30/2011 7:27 AM, WILLIAM & MELINDA LORD wrote:
>
>
> Hi Robert,
> We do not have any SuperSID units in Bulgaria or Montreal. We have some
> units in Alberta, British Columbia, Manitoba, Ontario and Quebec, Canada
> and in many European countries.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
> *From:* "jennifer27usa," <robertweisbloom@gmail.com><robertweisbloom@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Saturday, August 20, 2011 9:24 PM
> *Subject:* [Super_SID] Anyone from Bulgaria or Montreal Canada
>
>
> Hi,
> Are there any members here from Bulgaria (Plovdiv) and Montreal Canada?
> Thanks,
> Robert Weisbloom
> robertweisbloom@...

>
>
>
>
>

--

Observatoire Menkar
http://www.menkar.org

45d 35m 13.2s
-73d 40m 12.0s

681. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2011-09-04 14:38:29 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 681

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /NIGHTWATCH SEP 3-4 1-1181 JupiterPleiadesAldebaranSSID.jpg
Uploaded by : jtegerdine <jtegerdine@...>
Description : Jupiter, Pleiades and Taurus the Bull. Taken with a Meade DSI color CCD
camera (10-second exposure)

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/NIGHTWATCH%20%20SEP%203-4%20%20%201-1181%20J
upiterPleiadesAldebaranSSID.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

682. X2.1 X-Ray flare has developed over the last half hour. It's decaying now, but started around 22:12 or so.

Yahoo group: Super_SID
Date: 2011-09-06 22:36:08 UTC
From: Marcus D. Leech
Topic: 682 Message: 682

I happned to be sitting in front of my SID monitor, and noticed an
enhanced response for NAA. Cross-checked GOES-15 1-minute data, and
sure enough, an X2.1 flare, having peaked at 22:20--just 15 minutes ago!

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

683. X 2.1 FLARE ON NPM

Yahoo group: Super_SID
Date: 2011-09-07 13:57:37 UTC
From: jtegerdine
Topic: 683 Message: 683

A great plot from my monitor(MPO)from NPM....
http://tinyurl.com/3vvr59y

684. Strong response to mid-day M6-class flare today

Yahoo group: Super_SID
Date: 2011-09-08 17:42:48 UTC
From: Marcus D. Leech
Topic: 684 Message: 684
Attachments: 1 described; binary payloads are missing from this source WARC

Attached.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

685. Re: [Super_SID] from a high school science teacher

Yahoo group: Super_SID
Date: 2011-09-12 04:33:47 UTC
From: DIVYADARSHAN PUROHIT
Topic: 601 Message: 685

Dea Anthony Bisulco,

This is wonderful news,congratulation.I am sure that you are having the SSID software on your PC,now try to collect as many as data with help of SID antenna,receive & software.Then try to send the same globally.I have forward your letter to the prominent scientists & group.We all are here to motivate your enthusiasm.

My child,Super Sid is one of the best media to detect,study,learn the Sun & as you might be aware that sun is wakening day by day after a very long sleep!!!!/So,you will get amazing from SSID during these years i.e.2011 to 2016.Try to share the knowledge with as many as friends & in your school.You may take the project in science fair also.

with best regards,
DDPurohit

On Mon, Sep 12, 2011 at 4:20 AM, anthony bisulco <abisulco@...> wrote:

> Dear Divyadarshan,
>
> Hello I am the 10th grade student my research teacher was talking to you
> bellow about, I have gone through the first 4 steps bellow you gave my
> teacher. I have fixed my sid after 1 1/2 months of issues of getting it to
> work so now I was wondering if you had any ideas for a research project for
> this project because of your great knowledge and prior use of the super sid.
> I have gone through some ideas like making a system pertaining to making a
> system to track solar storms and then another member of the sid group gave
> me an idea to make a system that would be able to use the already available
> sid data and find a way to find which sids are best for which category of
> solar flare.
> From,
> Anthony
> On Jun 18, 2011, at 7:42 AM, anthony bisulco wrote:
>
> Dear Mr. Kurtz,
>
> Here is the email I forward it bellow.
> From,
> Anthony Bisulco
> Begin forwarded message:
>
> *From: *Richard Kurtz <rkurtz3@...>
> *Date: *May 31, 2011 9:39:34 AM EDT
> *To: *abisulco@...
> *Subject: **Fwd: [Super_SID] from a high school science teacher*

>
>
>
> ---------- Forwarded message ----------
> From: DIVYADARSHAN PUROHIT <divyadarshan63@...>
> Date: Tue, May 31, 2011 at 1:28 AM
> Subject: Re: [Super_SID] from a high school science teacher
> To: Super_SID@yahoogroups.com
>
>
> Dear Rich,
>
> Super SID & Radio Jove both are very interesting & result oriental project
> to teach students radio astronomy & create interest for space science in
> them.For last 2 years I used the same to teach more than 25,000 students.
>
> Start with some interested group.Go like this,(1)give introduction with
> help of multimedia for some days,let questions to be come from students then
> if you feel that they are eager to work on it then (2) Install the Antenna
> setup,receiver,pcsoftware by using their capabilities & interest then (3)
> Make them prepare to observe the signals,then (4) Make them communicate with
> the group.
>
> Kindly keep in mind that we have to create space enthusiasts in students &
> not in learned professionals so use very smooth language & format in a
> manner that they can understand & take interest in it,so if required use
> multimedia session.
>
> This is my fruitful experience which I have shared with you.
> with best regards,
> DDPurohit
> On Tue, May 31, 2011 at 6:12 AM, Richard Kurtz <rkurtz3@...>wrote:
>
>>
>>
>> Dear Super Sid group
>>
>> One of my students who will join this group shortly is interested in
>> developing a science research project.
>> Using SID. The student is going into 10th grade next September here on
>> Long Island, New York.
>> We just received our Super Sid, I used the older model a few years ago,
>> now I have a smart and curious student
>> who wants to explore.
>>
>> Is there anyone out there who could work with us for a bit to help my
>> student generate ideas.
>>
>> Thanks
>> rich

>>
>>
>
>
>
> --
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
>
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

686. Fwd: SID Monitor Italy-10

Yahoo group: Super_SID
Date: 2011-09-14 21:30:36 UTC
From: Deborah Scherrer
Topic: 686 Message: 686

Below is information about a wonderful SID project undertaken
by a couple Italian students. They did a lot of work
attempting to separate valid signals from background noise.

I would very much like to find a way to acknowledge and
highlight projects like this. Perhaps Stanford could
produce some nice certificates. Other ideas!

Also, kids like this may be looking for contacts within
the community to allow them to further their research.
Anyone interested in serving as a Mentor to them?

Thanks.
Deborah Scherrer

-------- Original Message --------
Subject: SID Monitor Italy-10
Date: Tue, 24 May 2011 14:55:12 +0200
From: fixor <fixormail@...>
To: deborah@...

Dear Mrs Deborah Scherrer,
I'm an 18-year-old Italian student interested in the study of the Sun
and its interactions with Earth.

A couple of years ago I joined a school project (the Sun Project) that
uses the Stanford SID Monitor to track VLF transmissions from DHO38. We
often upload our SID data to the Stanford Database, where our ID is
Italy-10.

Earlier this year we took part in the Google Science Fair
<http://www.google.com/events/sciencefair/> presenting a project which
tackles the issue of noise in SID Monitor data. While we were developing
our research, my physics teacher (Paolo Gallizio) told us about your
email for SID and SuperSID Monitor users. We were very pleased to know
about the improvements of the SID Space Weather Monitor program and
about the enlargement of the project including amateurs and researchers.
In particular, we had been instantly interested by the group set up for
exploring the issue of noise in SID data, that is exactly the point in
our research work.

It would be useful for us if you could take a look at our project and
give us a feedback and some advices. This is the website that we made to
present our work: http://sites.google.com/site/siddataanalyzer/

I developed this project with a schoolmate, you can read a brief
presentation of us here

<https://sites.google.com/site/siddataanalyzer/about-me>.

Thank you, I'm looking forward to hearing from you.

Best Regards,
Giancarlo Fissore

687. Re: Fwd: SID Monitor Italy-10

Yahoo group: Super_SID
Date: 2011-09-14 21:49:52 UTC
From: WILLIAM & MELINDA LORD
Topic: 686 Message: 687

Wow, great project! We would love to have them write a paper for the SARA Journal. And yes, they should receive a certificate of some sort recognizing them for their work.

Also, we would like to get a copy of their program and add it to the SuperSID CD as well as put it on the web.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Deborah Scherrer <dscherrer@...>
To: WILLIAM & MELINDA LORD <ap_guardian@yahoo.com>; Don Rice <rice@...>;
Super_SID@yahoogroups.com; SuperNoise@nlnetlabs.nl
Sent: Wednesday, September 14, 2011 4:30 PM
Subject: Fwd: SID Monitor Italy-10

Below is information about a wonderful SID project undertaken
by a couple Italian students. They did a lot of work
attempting to separate valid signals from background noise.

I would very much like to find a way to acknowledge and
highlight projects like this. Perhaps Stanford could
produce some nice certificates. Other ideas!

Also, kids like this may be looking for contacts within
the community to allow them to further their research.
Anyone interested in serving as a Mentor to them?

Thanks.
Deborah Scherrer

-------- Original Message --------
Subject: SID Monitor Italy-10
Date: Tue, 24 May 2011 14:55:12 +0200
From: fixor <fixormail@...>
To: deborah@...d.edu

Dear Mrs Deborah Scherrer,
I'm an 18-year-old Italian student interested in the study of the Sun
and its interactions with Earth.

A couple of years ago I joined a school project (the Sun Project) that
uses the Stanford SID Monitor to track VLF transmissions from DHO38. We
often upload our SID data to the Stanford Database, where our ID is

Italy-10.

Earlier this year we took part in the Google Science Fair <http://www.google.com/events/sciencefair/> presenting a project which tackles the issue of noise in SID Monitor data. While we were developing our research, my physics teacher (Paolo Gallizio) told us about your email for SID and SuperSID Monitor users. We were very pleased to know about the improvements of the SID Space Weather Monitor program and about the enlargement of the project including amateurs and researchers. In particular, we had been instantly interested by the group set up for exploring the issue of noise in SID data, that is exactly the point in our research work.

It would be useful for us if you could take a look at our project and give us a feedback and some advices. This is the website that we made to present our work: http://sites.google.com/site/siddataanalyzer/

I developed this project with a schoolmate, you can read a brief presentation of us here <https://sites.google.com/site/siddataanalyzer/about-me>.

Thank you, I'm looking forward to hearing from you.

Best Regards,
Giancarlo Fissore

688. Re: Fwd: SID Monitor Italy-10

Yahoo group: Super_SID
Date: 2011-09-14 22:00:00 UTC
From: Deborah Scherrer
Topic: 686 Message: 688

OK, I'll work up some sort of certificate and send it to them.

Bill, would you like to contact them about writing an article
for the SARA journal. Think that would be a great idea!
Better yet, invite them to your next conference (and cover
travel costs...).

Debbie

On 9/14/2011 2:49 PM, WILLIAM & MELINDA LORD wrote:
> Wow, great project! We would love to have them write a paper for the
> SARA Journal. And yes, they should receive a certificate of some sort
> recognizing them for their work.
>
> Also, we would like to get a copy of their program and add it to the
> SuperSID CD as well as put it on the web.
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
> ----------
> *From:* Deborah Scherrer <dscherrer@...>
> *To:* WILLIAM & MELINDA LORD <ap_guardian@...>; Don Rice
> <rice@...>; Super_SID@yahoogroups.com; SuperNoise@...
> *Sent:* Wednesday, September 14, 2011 4:30 PM
> *Subject:* Fwd: SID Monitor Italy-10
>
> Below is information about a wonderful SID project undertaken
> by a couple Italian students. They did a lot of work
> attempting to separate valid signals from background noise.
>
> I would very much like to find a way to acknowledge and
> highlight projects like this. Perhaps Stanford could
> produce some nice certificates. Other ideas!
>
> Also, kids like this may be looking for contacts within
> the community to allow them to further their research.
> Anyone interested in serving as a Mentor to them?
>
> Thanks.
> Deborah Scherrer
>
>
>

> -------- Original Message --------
> Subject: SID Monitor Italy-10
> Date: Tue, 24 May 2011 14:55:12 +0200
> From: fixor <fixormail@... <mailto:fixormail@...>>
> To: deborah@... <mailto:deborah@...>
>
>
>
> Dear Mrs Deborah Scherrer,
> I'm an 18-year-old Italian student interested in the study of the Sun
> and its interactions with Earth.
>
> A couple of years ago I joined a school project (the Sun Project) that
> uses the Stanford SID Monitor to track VLF transmissions from DHO38. We
> often upload our SID data to the Stanford Database, where our ID is
> Italy-10.
>
> Earlier this year we took part in the Google Science Fair
> <http://www.google.com/events/sciencefair/> presenting a project which
> tackles the issue of noise in SID Monitor data. While we were developing
> our research, my physics teacher (Paolo Gallizio) told us about your
> email for SID and SuperSID Monitor users. We were very pleased to know
> about the improvements of the SID Space Weather Monitor program and
> about the enlargement of the project including amateurs and researchers.
> In particular, we had been instantly interested by the group set up for
> exploring the issue of noise in SID data, that is exactly the point in
> our research work.
>
> It would be useful for us if you could take a look at our project and
> give us a feedback and some advices. This is the website that we made to
> present our work: http://sites.google.com/site/siddataanalyzer/
>
> I developed this project with a schoolmate, you can read a brief
> presentation of us here
> <https://sites.google.com/site/siddataanalyzer/about-me>.
>
> Thank you, I'm looking forward to hearing from you.
>
> Best Regards,
> Giancarlo Fissore
>
>

689. Re: [Super_SID] Re: Fwd: SID Monitor Italy-10

Yahoo group: Super_SID
Date: 2011-09-14 23:35:34 UTC
From: W2TAP
Topic: 686 Message: 689

Hi Bill

Im giving a lecture here on 10/5 at the Vanderbilt Planetarium. Is it possible to loaned us a SID system?

Best regards,

Dr Ron Milione
W2TAP

Sent by My iPhone 4 System

On Sep 14, 2011, at 5:49 PM, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

> Wow, great project! We would love to have them write a paper for the SARA Journal. And yes, they should receive a certificate of some sort recognizing them for their work.
>
> Also, we would like to get a copy of their program and add it to the SuperSID CD as well as put it on the web.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> From: Deborah Scherrer <dscherrer@...>
> To: WILLIAM & MELINDA LORD <ap_guardian@...>; Don Rice <rice@...>; Super_SID@yahoogroups.com; SuperNoise@...
> Sent: Wednesday, September 14, 2011 4:30 PM
> Subject: Fwd: SID Monitor Italy-10
>
> Below is information about a wonderful SID project undertaken
> by a couple Italian students. They did a lot of work
> attempting to separate valid signals from background noise.
>
> I would very much like to find a way to acknowledge and
> highlight projects like this. Perhaps Stanford could
> produce some nice certificates. Other ideas!
>
> Also, kids like this may be looking for contacts within
> the community to allow them to further their research.
> Anyone interested in serving as a Mentor to them?
>
> Thanks.
> Deborah Scherrer

>
>
>
> -------- Original Message --------
> Subject: SID Monitor Italy-10
> Date: Tue, 24 May 2011 14:55:12 +0200
> From: fixor <fixormail@gmail.com>
> To: deborah@...
>
>
>
> Dear Mrs Deborah Scherrer,
> I'm an 18-year-old Italian student interested in the study of the Sun
> and its interactions with Earth.
>
> A couple of years ago I joined a school project (the Sun Project) that
> uses the Stanford SID Monitor to track VLF transmissions from DHO38. We
> often upload our SID data to the Stanford Database, where our ID is
> Italy-10.
>
> Earlier this year we took part in the Google Science Fair
> <http://www.google.com/events/sciencefair/> presenting a project which
> tackles the issue of noise in SID Monitor data. While we were developing
> our research, my physics teacher (Paolo Gallizio) told us about your
> email for SID and SuperSID Monitor users. We were very pleased to know
> about the improvements of the SID Space Weather Monitor program and
> about the enlargement of the project including amateurs and researchers.
> In particular, we had been instantly interested by the group set up for
> exploring the issue of noise in SID data, that is exactly the point in
> our research work.
>
> It would be useful for us if you could take a look at our project and
> give us a feedback and some advices. This is the website that we made to
> present our work: http://sites.google.com/site/siddataanalyzer/
>
> I developed this project with a schoolmate, you can read a brief
> presentation of us here
> <https://sites.google.com/site/siddataanalyzer/about-me>.
>
> Thank you, I'm looking forward to hearing from you.
>
> Best Regards,
> Giancarlo Fissore
>
>
>

690. RE: [Super_SID] Fwd: SID Monitor Italy-10

Yahoo group: Super_SID
Date: 2011-09-14 23:58:59 UTC
From: Michael Rudolph
Topic: 686 Message: 690
Attachments: 2 described; binary payloads are missing from this source WARC

Perhaps they could be invited to write an article on their studies for publication in the SARA Journal.

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Deborah Scherrer
Sent: Wednesday, September 14, 2011 5:31 PM
To: WILLIAM & MELINDA LORD; Don Rice; Super_SID@yahoogroups.com; SuperNoise@...
Subject: [Super_SID] Fwd: SID Monitor Italy-10

Below is information about a wonderful SID project undertaken by a couple Italian students. They did a lot of work attempting to separate valid signals from background noise.

I would very much like to find a way to acknowledge and highlight projects like this. Perhaps Stanford could produce some nice certificates. Other ideas!

Also, kids like this may be looking for contacts within the community to allow them to further their research. Anyone interested in serving as a Mentor to them?

Thanks.
Deborah Scherrer

-------- Original Message --------
Subject: SID Monitor Italy-10
Date: Tue, 24 May 2011 14:55:12 +0200
From: fixor <fixormail@... <mailto:fixormail%40gmail.com> >
To: deborah@... <mailto:deborah%40sun.stanford.edu>

Dear Mrs Deborah Scherrer,
I'm an 18-year-old Italian student interested in the study of the Sun and its interactions with Earth.

A couple of years ago I joined a school project (the Sun Project) that uses the Stanford SID Monitor to track VLF transmissions from DHO38. We often upload our SID data to the Stanford Database, where our ID is Italy-10.

Earlier this year we took part in the Google Science Fair <http://www.google.com/events/sciencefair/> presenting a project which tackles the issue of noise in SID Monitor data. While we were developing our research, my physics teacher (Paolo Gallizio) told us about your

email for SID and SuperSID Monitor users. We were very pleased to know about the improvements of the SID Space Weather Monitor program and about the enlargement of the project including amateurs and researchers. In particular, we had been instantly interested by the group set up for exploring the issue of noise in SID data, that is exactly the point in our research work.

It would be useful for us if you could take a look at our project and give us a feedback and some advices. This is the website that we made to present our work: http://sites.google.com/site/siddataanalyzer/

I developed this project with a schoolmate, you can read a brief presentation of us here <https://sites.google.com/site/siddataanalyzer/about-me>.

Thank you, I'm looking forward to hearing from you.

Best Regards,
Giancarlo Fissore

691. RE: [Super_SID] Re: Fwd: SID Monitor Italy-10

Yahoo group: Super_SID
Date: 2011-09-15 00:00:36 UTC
From: Michael Rudolph
Topic: 686 Message: 691
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Bill and Melinda,

I wrote what I did before I saw your email. You know what they say about great minds ..

Michael

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of WILLIAM & MELINDA LORD
Sent: Wednesday, September 14, 2011 5:50 PM
To: Deborah Scherrer; Don Rice; Super_SID@yahoogroups.com; SuperNoise@...; David Fields
Subject: [Super_SID] Re: Fwd: SID Monitor Italy-10

Wow, great project! We would love to have them write a paper for the SARA Journal. And yes, they should receive a certificate of some sort recognizing them for their work.

Also, we would like to get a copy of their program and add it to the SuperSID CD as well as put it on the web.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Deborah Scherrer <dscherrer@...>
To: WILLIAM & MELINDA LORD <ap_guardian@...>; Don Rice <rice@...>; Super_SID@yahoogroups.com; SuperNoise@...
Sent: Wednesday, September 14, 2011 4:30 PM
Subject: Fwd: SID Monitor Italy-10

Below is information about a wonderful SID project undertaken by a couple Italian students. They did a lot of work attempting to separate valid signals from background noise.

I would very much like to find a way to acknowledge and highlight projects like this. Perhaps Stanford could produce some nice certificates. Other ideas!

Also, kids like this may be looking for contacts within the community to allow them to further their research. Anyone interested in serving as a Mentor to them?

Thanks.
Deborah Scherrer

-------- Original Message --------
Subject: SID Monitor Italy-10
Date: Tue, 24 May 2011 14:55:12 +0200
From: fixor <fixormail@...>
To: deborah@...

Dear Mrs Deborah Scherrer,
I'm an 18-year-old Italian student interested in the study of the Sun and its interactions with Earth.

A couple of years ago I joined a school project (the Sun Project) that uses the Stanford SID Monitor to track VLF transmissions from DHO38. We often upload our SID data to the Stanford Database, where our ID is Italy-10.

Earlier this year we took part in the Google Science Fair <http://www.google.com/events/sciencefair/> presenting a project which tackles the issue of noise in SID Monitor data. While we were developing our research, my physics teacher (Paolo Gallizio) told us about your email for SID and SuperSID Monitor users. We were very pleased to know about the improvements of the SID Space Weather Monitor program and about the enlargement of the project including amateurs and researchers. In particular, we had been instantly interested by the group set up for exploring the issue of noise in SID data, that is exactly the point in our research work.

It would be useful for us if you could take a look at our project and give us a feedback and some advices. This is the website that we made to present our work: http://sites.google.com/site/siddataanalyzer/

I developed this project with a schoolmate, you can read a brief presentation of us here <https://sites.google.com/site/siddataanalyzer/about-me>.

Thank you, I'm looking forward to hearing from you.

Best Regards,
Giancarlo Fissore

692. Re: [Super_SID] Re: Fwd: SID Monitor Italy-10

Yahoo group: Super_SID
Date: 2011-09-15 00:08:57 UTC
From: WILLIAM & MELINDA LORD
Topic: 686 Message: 692
Attachments: 1 described; binary payloads are missing from this source WARC

We can, but you will need to build the loop antenna frame and supply a computer. We have attached the form, just complete it and return to us.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: W2TAP <w2tap@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Cc: Deborah Scherrer <dscherrer@...>; Don Rice <rice@spacenv.com>; "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>; "SuperNoise@nlnetlabs.nl" <SuperNoise@...>; David Fields <Fieldsde@...>
Sent: Wednesday, September 14, 2011 6:35 PM
Subject: Re: [Super_SID] Re: Fwd: SID Monitor Italy-10

Hi Bill

Im giving a lecture here on 10/5 at the Vanderbilt Planetarium. Is it possible to loaned us a SID system?

Best regards,

Dr Ron Milione
W2TAP

Sent by My iPhone 4 System

On Sep 14, 2011, at 5:49 PM, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

>Wow, great project! We would love to have them write a paper for the SARA Journal. And yes, they should receive a certificate of some sort recognizing them for their work.
>
>
>
>Also, we would like to get a copy of their program and add it to the SuperSID CD as well as put it on the web.
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>www.tnSkyNet.com
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>

>
>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
>
>_____
>From: Deborah Scherrer <dscherrer@...>
>To: WILLIAM & MELINDA LORD <ap_guardian@...>; Don Rice <rice@...>; Super_SID@yahoogroups.com; SuperNoise@...
>Sent: Wednesday, September 14, 2011 4:30 PM
>Subject: Fwd: SID Monitor Italy-10
>
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>by a couple Italian students. They did a lot of work
>attempting to separate valid signals from background noise.
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>produce some nice certificates. Other ideas!
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>Also, kids like this may be looking for contacts within
>the community to allow them to further their research.
>Anyone interested in serving
as a Mentor to them?
>
>Thanks.
>Deborah Scherrer
>
>
>
>-------- Original Message --------
>Subject: SID Monitor Italy-10
>Date: Tue, 24 May 2011 14:55:12 +0200
>From: fixor <fixormail@...>
>To: deborah@...
>
>
>
>Dear Mrs Deborah Scherrer,
>I'm an 18-year-old Italian student interested in the study of the Sun
>and its interactions with Earth.
>
>A couple of years ago I joined a school project (the Sun Project) that
>uses the Stanford SID Monitor to track VLF transmissions from DHO38. We
>often upload our SID data to the Stanford Database, where our ID is
>Italy-10.
>
>Earlier this year we took part in the Google Science Fair
><http://www.google.com/events/sciencefair/> presenting a project which
>tackles the issue of noise in SID Monitor data. While we were developing

>our research, my physics teacher (Paolo Gallizio) told us about your
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>about the enlargement of the project including amateurs and researchers.
>In particular, we had been instantly interested by the group set up for
>exploring the issue of noise in SID data, that is exactly the point in
>our research work.
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>give us a feedback and some advices. This is the website that we made to
>present our work: http://sites.google.com/site/siddataanalyzer/
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>I developed this project with a schoolmate, you can read a brief
>presentation of us here
><https://sites.google.com/site/siddataanalyzer/about-me>.
>
>Thank you, I'm looking forward to hearing from you.
>
>Best Regards,
>Giancarlo Fissore
>
>
>

693. Re: [Super_SID] Re: Fwd: SID Monitor Italy-10 [1 Attachment]

Yahoo group: Super_SID
Date: 2011-09-15 00:10:15 UTC
From: W2TAP
Topic: 686 Message: 693

Great! Thanks Bill!

Best regards, Ron

Sent by My iPhone 4 System

On Sep 14, 2011, at 8:08 PM, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

> [Attachment(s) from WILLIAM & MELINDA LORD included below]
> We can, but you will need to build the loop antenna frame and supply a computer. We have attached the form, just complete it and return to us.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
> From: W2TAP <w2tap@...>
> To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
> Cc: Deborah Scherrer <dscherrer@...nford.edu>; Don Rice <rice@...>; "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>; "SuperNoise@..." <SuperNoise@...>; David Fields <Fieldsde@...>
> Sent: Wednesday, September 14, 2011 6:35 PM
> Subject: Re: [Super_SID] Re: Fwd: SID Monitor Italy-10
>
>
> Hi Bill
>
> Im giving a lecture here on 10/5 at the Vanderbilt Planetarium. Is it possible to loaned us a SID system?
>
> Best regards,
>
> Dr Ron Milione
> W2TAP
>
> Sent by My iPhone 4 System
>
> On Sep 14, 2011, at 5:49 PM, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
>>
>> Wow, great project! We would love to have them write a paper for the SARA Journal. And yes, they should receive a certificate of some sort recognizing them for their work.
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>> Bill & Melinda Lord
>> www.tnSkyNet.com
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>>
>> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>> From: Deborah Scherrer <dscherrer@...u>
>> To: WILLIAM & MELINDA LORD <ap_guardian@...>; Don Rice <rice@spacenv.com>; Super_SID@yahoogroups.com; SuperNoise@...
>> Sent: Wednesday, September 14, 2011 4:30 PM
>> Subject: Fwd: SID Monitor Italy-10
>>
>> Below is information about a wonderful SID project undertaken
>> by a couple Italian students. They did a lot of work
>> attempting to separate valid signals from background noise.
>>
>> I would very much like to find a way to acknowledge and
>> highlight projects like this. Perhaps Stanford could
>> produce some nice certificates. Other ideas!
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>> Also, kids like this may be looking for contacts within
>> the community to allow them to further their research.
>> Anyone interested in serving as a Mentor to them?
>>
>> Thanks.
>> Deborah Scherrer
>>
>>
>>
>> -------- Original Message --------
>> Subject: SID Monitor Italy-10
>> Date: Tue, 24 May 2011 14:55:12 +0200
>> From: fixor <fixormail@...>
>> To: deborah@...
>>
>>
>>
>> Dear Mrs Deborah Scherrer,
>> I'm an 18-year-old Italian student interested in the study of the Sun
>> and its interactions with Earth.
>>
>> A couple of years ago I joined a school project (the Sun Project) that
>> uses the Stanford SID Monitor to track VLF transmissions from DHO38. We
>> often upload our SID data to the Stanford Database, where our ID is
>> Italy-10.
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>> Earlier this year we took part in the Google Science Fair
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>> tackles the issue of noise in SID Monitor data. While we were developing

>> our research, my physics teacher (Paolo Gallizio) told us about your
>> email for SID and SuperSID Monitor users. We were very pleased to know
>> about the improvements of the SID Space Weather Monitor program and
>> about the enlargement of the project including amateurs and researchers.
>> In particular, we had been instantly interested by the group set up for
>> exploring the issue of noise in SID data, that is exactly the point in
>> our research work.
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>> It would be useful for us if you could take a look at our project and
>> give us a feedback and some advices. This is the website that we made to
>> present our work: http://sites.google.com/site/siddataanalyzer/
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>> I developed this project with a schoolmate, you can read a brief
>> presentation of us here
>> <https://sites.google.com/site/siddataanalyzer/about-me>.
>>
>> Thank you, I'm looking forward to hearing from you.
>>
>> Best Regards,
>> Giancarlo Fissore
>>
>>
>
>
>

694. Re: [Super_SID] http://solar-center.stanford.edu/SID/map/

Yahoo group: Super_SID
Date: 2011-09-15 01:33:59 UTC
From: Deborah Scherrer
Topic: 648 Message: 694

We have a map on the website. It's not absolutely
up-to-date, but should be close:

http://solar-center.stanford.edu/SID/map/

Hope that helps.

Deborah

On 7/12/2011 7:14 AM, Jean-pierre Bolengo wrote:
> Hello
> It would be nice to have an updated map of all stations around the
> world. I need it for a lecture.
>
> Thanks
> Jean-Pierre
>
>

695. Re: [Super_SID] http://solar-center.stanford.edu/SID/map/

Yahoo group: Super_SID
Date: 2011-09-15 06:02:56 UTC
From: danny garvin
Topic: 648 Message: 695

How often is this map updated?

Danny

From: Deborah Scherrer <dscherrer@...>
To: Jean-pierre Bolengo <jpbolengo@...>
Cc: Super_SID@yahoogroups.com
Sent: Wednesday, September 14, 2011 8:33 PM
Subject: Re: [Super_SID] http://solar-center.stanford.edu/SID/map/

We have a map on the website. It's not absolutely
up-to-date, but should be close:

http://solar-center.stanford.edu/SID/map/

Hope that helps.

Deborah

On 7/12/2011 7:14 AM, Jean-pierre Bolengo wrote:
> Hello
> It would be nice to have an updated map of all stations around the
> world. I need it for a lecture.
>
> Thanks
> Jean-Pierre
>
>

Yahoo! Groups Links

    http://docs.yahoo.com/info/terms/

696. Re: [Super_SID] http://solar-center.stanford.edu/SID/map/

Yahoo group: Super_SID
Date: 2011-09-15 16:16:37 UTC
From: Deborah Scherrer
Topic: 648 Message: 696

Not very often....we no longer have any funding
for SID so it's all volunteer. But we try. ;-)

Debbie

On 9/14/2011 11:02 PM, danny garvin wrote:
> How often is this map updated?
> Danny
>
> *From:* Deborah Scherrer <dscherrer@...>
> *To:* Jean-pierre Bolengo <jpbolengo@...>
> *Cc:* Super_SID@yahoogroups.com
> *Sent:* Wednesday, September 14, 2011 8:33 PM
> *Subject:* Re: [Super_SID] http://solar-center.stanford.edu/SID/map/
>
> We have a map on the website. It's not absolutely
> up-to-date, but should be close:
>
> http://solar-center.stanford.edu/SID/map/
>
> Hope that helps.
>
> Deborah
>
>
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> > world. I need it for a lecture.
> >
> > Thanks
> > Jean-Pierre
> >
> >
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
> <mailto:Super_SID-fullfeatured@yahoogroups.com>
>
>
>

>
>

697. SID and SuperSID distribution count

Yahoo group: Super_SID
Date: 2011-09-16 21:31:31 UTC
From: Deborah Scherrer
Topic: 697 Message: 697

We did a count of the SID and SuperSID monitors that have
been distributed so far:

SID 313
SuperSID 273
TOTAL 586

We placed these in 52 countries plus Antarctica.

Debbie

698. Re: [Super_SID] SID and SuperSID distribution count

Yahoo group: Super_SID
Date: 2011-09-16 21:35:23 UTC
From: W2TAP
Topic: 697 Message: 698

Great global presence! Think of the data dissementation analysis!

Regards

Ron Milione Ph.D.

Sent by My iPhone 4 System

On Sep 16, 2011, at 5:31 PM, Deborah Scherrer <dscherrer@...> wrote:

> We did a count of the SID and SuperSID monitors that have
> been distributed so far:
>
> SID 313
> SuperSID 273
> TOTAL 586
>
> We placed these in 52 countries plus Antarctica.
>
> Debbie
>
>

699. Re: SID and SuperSID distribution count

Yahoo group: Super_SID
Date: 2011-09-17 08:56:31 UTC
From: abrandi2000
Topic: 697 Message: 699

wow, global 24h SUN observing

Thats a great result Debbie!!

regards
Karl-Heinz

--- In Super_SID@yahoogroups.com, W2TAP <w2tap@...> wrote:
>
> Great global presence! Think of the data dissementation analysis!
>
> Regards
>
> Ron Milione Ph.D.
>
> Sent by My iPhone 4 System
>
> On Sep 16, 2011, at 5:31 PM, Deborah Scherrer <dscherrer@...> wrote:
>
> > We did a count of the SID and SuperSID monitors that have
> > been distributed so far:
> >
> > SID 313
> > SuperSID 273
> > TOTAL 586
> >
> > We placed these in 52 countries plus Antarctica.
> >
> > Debbie
> >
> >
>

700. Solar Flares Aren't What They Seemed - News Blog - SkyandTelescope.com

Yahoo group: Super_SID
Date: 2011-09-17 21:32:02 UTC
From: Jaap Akkerhuis
Topic: 700 Message: 700

The following article on the blog from sky & telescope seems interesting.

http://www.skyandtelescope.com/community/skyblog/newsblog/129654848.html

jaap

701. Need advice. Having trouble setting up my SID monitoring site.

Yahoo group: Super_SID
Date: 2011-09-23 21:28:25 UTC
From: matheus_ohe
Topic: 701 Message: 701

Hello all! Here comes a big one...

My name is Matheus, I'm a biologist undergraduate working with astronomy in the south of Brazil (-25° 05' 42" & -50° 09' 43"), and have been made responsible of my university's Astronomical Observatory's SID monitoring site.

We have a SID monitor that was donated to us a while ago by Stanford University. I've been given the job to build a (new) VLF loop antenna for our monitor, since the old one (which I did not make) was not working too well.

That was last year, and eversince I've been having some trouble with the whole project. After much tinkering around trying to find answers I have finally found this group. Anyway, here's the deal, and I'll try to make it as detailed as I can:

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This is my VLF loop antenna, which I built guided by the SIDmanual 2.1 document and additional research. It has a 1.5 meter radius and 30 loops of enamelled copper wire (I think it's AWG 38, can't remember).

Notice where the antenna is at <http://i51.tinypic.com/14mglj6.jpg> .
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I believed the 20kHz signal was from Stanford's station "VLF", South Pole. I did some tests rotating the antenna and that signal seemed to be clearer when the antenna was "facing" south to southeast (that's where the South Pole is to me), and then I was very happy thinking I had finally found a valid signal.

But then I learned that the antenna's "face" is actually supposed to be its "side" (get it? is this even right?)... And yesterday I went up to clean the copper terminals (they were a bit oxidized) and I found out that, when I disconnected the cable from the antenna (but kept the cable connected to the SID monitor), supersid would still show that 20kHz peak nearly the same as with the antenna plugged in. <http://i52.tinypic.com/zy6pnc.jpg> That totally blew it for me and now I'm here asking for help, haha.

Is the cable itself (should be no more than 10m long) working as a VLF antenna and that peak is really the NAA signal (it disappears sometimes), or is it all just interference? I ran loads of tests to try to find sources of interference, it seems the acivity here at the observatory like turning the lights on <http://i54.tinypic.com/2yys277.jpg> does get in the way, I think the huge peaks in my daily plots are caused by that, but the supersid spectrum remains always somewhat the same... I tested the SID monitor disconnected from the antenna and it rightly gave me this graphic <http://i51.tinypic.com/2mldh5.jpg> , which I believe proves it is not my computer's interference causing the peaks or anything.

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What should I do?

I would like to greatly thank in advance whoever may helps me with this :)

(For the curious, here is <http://www.4shared.com/video/I5LRDRGR/siduepg.html> a brief video of my setup.)

702. Re: [Super_SID] Need advice. Having trouble setting up my SID monitoring site.

Yahoo group: Super_SID
Date: 2011-09-23 23:41:54 UTC
From: WILLIAM & MELINDA LORD
Topic: 701 Message: 702
Attachments: 1 described; binary payloads are missing from this source WARC

Hi,
The red SID box uses a com port cable to send the signal to the software. The SuperSID uses the sound card to process the signal. So your unit can not collect valid data with the SuperSID software. Since your red box is not sending any signal to the sound card, unplugging the antenna has no effect.

Go to this link http://solar-center.stanford.edu/SID/Distribution/current/ to download the software for your unit. The manual that tells you how to set up your station is here http://solar-center.stanford.edu/SID/Distribution/expanded_files/

Your red box has a single frequency it monitors. The station should be written in black on the back of the box. Point your antenna's edge towards the station for best reception.

If you are interested in obtaining a SuperSID, the form is attached.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

_____
From: matheus_ohe <matheusfrare@...>
To: Super_SID@yahoogroups.com
Sent: Friday, September 23, 2011 4:28 PM
Subject: [Super_SID] Need advice. Having trouble setting up my SID monitoring site.

Hello all! Here comes a big one...

My name is Matheus, I'm a biologist undergraduate working with astronomy in the south of Brazil (-25° 05' 42" & -50° 09' 43"), and have been made responsible of my university's Astronomical Observatory's SID monitoring site.

We have a SID monitor that was donated to us a while ago by Stanford University. I've been given the job to build a (new) VLF loop antenna for our monitor, since the old one (which I did not make) was not working too well.

That was last year, and eversince I've been having some trouble with the whole project. After much tinkering around trying to find answers I have finally found this group. Anyway, here's the deal, and I'll try to make it as detailed as I can:

I believe I run a kind of a beta SuperSID system. We only have the monitor but not the CD that it is supposed to come with. Our SID monitor model is the "old", red-box one, not the new SuperSID I see in the website. In spite of that, I don't run it (not anymore) with

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Notice where the antenna is at . As of now it is temporarily located at the Observatory's ceiling. I put it there to protect it from thieves looking for copper to sell (many around here...), we have a large lightning rod so I believe shock is not a problem. Also, I put it there because my orientator (he's not specialized in radioastronomy of any sort) told me that perhaps the wall of trees protecting the observatory from street lamps was shielding the signal, but I don't quite believe that's the case.

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But then I learned that the antenna's "face" is actually supposed to be its "side" (get it? is this even right?)... And yesterday I went up to clean the copper terminals (they were a bit oxidized) and I found out that, when I disconnected the cable from the antenna (but kept the cable connected to the SID monitor), supersid would still show that 20kHz peak nearly the same as with the antenna plugged in. That totally blew it for me and now I'm here asking for help, haha.

Is the cable itself (should be no more than 10m long) working as a VLF antenna and that peak is really the NAA signal (it disappears sometimes), or is it all just interference? I ran loads of tests to try to find sources of interference, it seems the acivity here at the observatory like turning the lights on does get in the way, I think the huge peaks in my daily plots are caused by that, but the supersid spectrum remains always somewhat the same... I tested the SID monitor disconnected from the antenna and it rightly gave me this graphic , which I believe proves it is not my computer's interference causing the peaks or anything.

This is my plotting of NWC (19.8kHz) from september 17 to 19 (each one colour):
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And this is the same for NPM (21.4kHz):
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I believed NWC and NPM accounted for the 2 smaller peaks next to either side of my big 20kHz peak (they're always there), but maybe it's just sidelobes, harmonics, whatever...?

Does it seem to be working?

What should I do?

I would like to greatly thank in advance whoever may helps me with this :)

(For the curious, here is a brief video of my setup.)

703. Re: [Super_SID] Need advice. Having trouble setting up my SID monitoring site.

Yahoo group: Super_SID
Date: 2011-09-24 01:22:06 UTC
From: Deborah Scherrer
Topic: 701 Message: 703

Hello Matheus,

I echo what Bill Lord already told you -- the SuperSID software
will not work with the old SID monitors, and vice versa. I would
suggest you upgrade to the SuperSID. Because you are a university,
Stanford will cover the costs. Simply complete the application
that Bill sent you and return it to him. They'll send you
a complete system.

Am glad to hear the site in Brazil is still alive -- we look
forward to receiving your SuperSID data!

Deborah Scherrer
Stanford Solar Center

On 9/23/2011 2:28 PM, matheus_ohe wrote:
> Hello all! Here comes a big one...
>
> My name is Matheus, I'm a biologist undergraduate working with astronomy
> in the south of Brazil (-25? 05' 42" & -50? 09' 43"), and have been made
> responsible of my university's Astronomical Observatory's SID monitoring
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> We have a SID monitor that was donated to us a while ago by Stanford
> University. I've been given the job to build a (new) VLF loop antenna
> for our monitor, since the old one (which I did not make) was not
> working too well.
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> That was last year, and eversince I've been having some trouble with the
> whole project. After much tinkering around trying to find answers I have
> finally found this group. Anyway, here's the deal, and I'll try to make
> it as detailed as I can:
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> I believe I run a kind of a beta SuperSID system. We only have the
> monitor but not the CD that it is supposed to come with. Our SID monitor
> model is the "old", red-box one, not the new SuperSID I see in the
> website. In spite of that, I don't run it (not anymore) with SIDMON, but
> with the SuperSID program v1.0 (which I downloaded from Stanford's site
> in parts. The "save buffer" function does not work, but it's better than
> the v1.1 I downloaded that wouldn't plot the data). I followed the
> SuperSID_beta document, removed the frequency board and attached an
> audio cable connecting it to my installed Audigy soundboard operating at
> a 96kHz sample.
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> document and additional research. It has a 1.5 meter radius and 30 loops
> of enamelled copper wire (I think it's AWG 38, can't remember).
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> of trees protecting the observatory from street lamps was shielding the
> signal, but I don't quite believe that's the case.
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> Pole. I did some tests rotating the antenna and that signal seemed to be
> clearer when the antenna was "facing" south to southeast (that's where
> the South Pole is to me), and then I was very happy thinking I had
> finally found a valid signal.
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> But then I learned that the antenna's "face" is actually supposed to be
> its "side" (get it? is this even right?)... And yesterday I went up to
> clean the copper terminals (they were a bit oxidized) and I found out
> that, when I disconnected the cable from the antenna (but kept the cable
> connected to the SID monitor), supersid would still show that 20kHz peak
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> <http://i52.tinypic.com/zy6pnc.jpg> That totally blew it for me and now
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> Is the cable itself (should be no more than 10m long) working as a VLF
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> I would like to greatly thank in advance whoever may helps me with this :)
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> (For the curious, here is
> <http://www.4shared.com/video/I5LRDRGR/siduepg.html> a brief video of my
> setup.)
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704. Re: Need advice. Having trouble setting up my SID monitoring site.

Yahoo group: Super_SID
Date: 2011-09-24 03:55:06 UTC
From: matheus_ohe
Topic: 701 Message: 704

Thanks for the replies!

Hmmmm, funny, seems as I've been losing time trying to get the whole thing to work then, haha. I have forwarded the message to my supervisor and hope we'll be getting the new SuperSID ASAP.

On another note, do you guys recommend burrying the antenna? We were just about to do that (not just cast it into a hole, no. We'd going to dig a little covered "room" for it on the ground). We figured that should shield it from regular interference, but still allow for the VLF capture since those waves penetrate the ground...

Or is it a silly idea?

--- In Super_SID@yahoogroups.com, Deborah Scherrer <dscherrer@...> wrote:
>
> Hello Matheus,
>
> I echo what Bill Lord already told you -- the SuperSID software
> will not work with the old SID monitors, and vice versa. I would
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> Stanford Solar Center
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705. Re: [Super_SID] Need advice. Having trouble setting up my SID monitoring site.

Yahoo group: Super_SID
Date: 2011-09-24 08:23:08 UTC
From: Jaap Akkerhuis
Topic: 701 Message: 705

On Sep 24, 2011, at 3:22, Deborah Scherrer wrote:

> I echo what Bill Lord already told you -- the SuperSID software
> will not work with the old SID monitors, and vice versa.

Actually, it should word. As you can see from the pictures, he is using the old monitor without the filter board and without the DQ device but sticks via the black cable the signal directly into his soundcard. This turns the old monitor effectively into a SuperSID.

I don't know what the 20Khz signal is, it might be caused by local interference. Try turning the antenna to see whether that has any effect.

jaap

706. SuperSID and WIndows 7

Yahoo group: Super_SID
Date: 2011-09-24 14:15:11 UTC
From: AP_GUARDIAN
Topic: 706 Message: 706

Is anyone using the SuperSID software on a Windows 7 computer? Can you tell us what version works (Home, Pro, 32 bit, 64 bit, etc.)

707. Re: Need advice. Having trouble setting up my SID monitoring site.

Yahoo group: Super_SID
Date: 2011-09-24 16:06:53 UTC
From: matheus_ohe
Topic: 701 Message: 707

That's exactly what I thought, and what is said in this SuperSD manual
<http://sid.stanford.edu/Distribution/SuperSID/supersid_v1_1/Doc/SuperSI\
D_beta.pdf> . Or is it wrong and the old SID won't run as a simple
amplifier (like the new one for all I know) when without the frequency
board?

As you said, I'm guessing that 20kHz signal should indeed be local
interference, but is one I've failed to rule out so far... Maybe it's
coming
from a nearby building (closest thing to us is the covered swimming pool
at south (north in the picture) whose showers have a history of
short-circuiting)... The signal seemed higher when pointing the
antenna's corner to east/west of me. But since I picked it up even with
the coaxial cable alone connected to the SID monitor but not to the
antenna, something else is also wrong.

Thanks for the input!

--- In Super_SID@yahoogroups.com, Jaap Akkerhuis <jaapna@...> wrote:
>
>
> On Sep 24, 2011, at 3:22, Deborah Scherrer wrote:
>
> > I echo what Bill Lord already told you -- the SuperSID software
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> interference. Try turning the antenna to see whether that has any
> effect.
>
> jaap
>

708. Re: [Super_SID] Re: Need advice. Having trouble setting up my SID monitoring site.

Yahoo group: Super_SID
Date: 2011-09-24 16:15:04 UTC
From: Marcus D. Leech
Topic: 701 Message: 708

On 24/09/11 12:06 PM, matheus_ohe wrote:
>
>
> That's exactly what I thought, and what is said in this SuperSD manual
> <http://sid.stanford.edu/Distribution/SuperSID/supersid_v1_1/Doc/SuperSID_beta.pdf>
> . Or is it wrong and the old SID won't run as a simple amplifier (like
> the new one for all I know) when without the frequency board?
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> As you said, I'm guessing that 20kHz signal should indeed be local
> interference, but is one I've failed to rule out so far... Maybe it's
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> from a nearby building (closest thing to us is the covered swimming
> pool at south (north in the picture) whose showers have a history of
> short-circuiting)... The signal seemed higher when pointing the
> antenna's corner to east/west of me. But since I picked it up even
> with the coaxial cable alone connected to the SID monitor but not to
> the antenna, something else is also wrong.
>
> Thanks for the input!
>
For what it's worth, my SID observing platform consists of a loop
antenna, and commercial
microphone pre-amp feeding my sound card. The Behringer Mini-MIC
pre-amp has frequency
coverage out to about 80KHz or so.

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

709. Here come the sun....

Yahoo group: Super_SID
Date: 2011-09-24 17:21:31 UTC
From: Marcus D. Leech
Topic: 709 Message: 709
Attachments: 1 described; binary payloads are missing from this source WARC

Active day so far!

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

710. Wow, all I can say is, wow

Yahoo group: Super_SID
Date: 2011-09-24 20:55:50 UTC
From: Marcus D. Leech
Topic: 710 Message: 710
Attachments: 1 described; binary payloads are missing from this source WARC

Sunspot group 1302 appears to just be a party animal :-)

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

711. Re: [Super_SID] Re: Need advice. Having trouble setting up my SID monitoring site.

Yahoo group: Super_SID
Date: 2011-09-24 21:52:47 UTC
From: Jaap Akkerhuis
Topic: 701 Message: 711

On Sep 24, 2011, at 18:06, matheus_ohe wrote:

> That's exactly what I thought, and what is said in this SuperSD manual . Or is it wrong and the old SID won't run as a simple amplifier (like the new one for all I know) when without the frequency board?

It will run as a simple amplifier without the frequency board and tapping
the signal directly as you do with the (black) cable.

jaap

712. Re: Need advice. Having trouble setting up my SID monitoring site.

Yahoo group: Super_SID
Date: 2011-09-25 05:47:52 UTC
From: matheus_ohe
Topic: 701 Message: 712

I see... hmmm... then there must be something else wrong with my setup or location. We have sent our request for the new SuperSID monitor but I'm afraid to find myself stuck with similar data once it arrives. I'll keep running tests and trying new stuff until then, try to collect as much info as possible.

Thanks again Jaap and Marcus and everyone. I must admit I didn't expect this all to be so interesting. Radioastronomy is turning out to be a thrill, even in this initial level!

--- In Super_SID@yahoogroups.com, Jaap Akkerhuis <jaapna@...> wrote:
>
>
> On Sep 24, 2011, at 18:06, matheus_ohe wrote:
>
> > That's exactly what I thought, and what is said in this SuperSD manual . Or is it wrong and the old SID won't run as a simple amplifier (like the new one for all I know) when without the frequency board?
>
> It will run as a simple amplifier without the frequency board and tapping
> the signal directly as you do with the (black) cable.
>
> jaap
>

713. Looks like group 1302 is still quite active today

Yahoo group: Super_SID
Date: 2011-09-25 14:24:18 UTC
From: Marcus D. Leech
Topic: 713 Message: 713

Group 1302 produced another M7 flare early this morning, and then an M3
a few hours later.

Watch your monitors!

Unfortunately, they were both while the sun was way below my horizon.
But European observers should
have some excellent traces from these events at 0450UTC and 0849UTC.

Cheers

--
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

714. Re: [Super_SID] Re: Need advice. Having trouble setting up my SID monitoring site.

Yahoo group: Super_SID
Date: 2011-09-25 16:10:23 UTC
From: Marcus D. Leech
Topic: 701 Message: 714

On 09/25/2011 01:47 AM, matheus_ohe wrote:
>
> I see... hmmm... then there must be something else wrong with my setup
> or location. We have sent our request for the new SuperSID monitor but
> I'm afraid to find myself stuck with similar data once it arrives.
> I'll keep running tests and trying new stuff until then, try to
> collect as much info as possible.
>
> Thanks again Jaap and Marcus and everyone. I must admit I didn't
> expect this all to be so interesting. Radioastronomy is turning out to
> be a thrill, even in this initial level!
>
Indeed. It's quite exciting when "stuff" like yesterdays multiple X-ray
flares happens!

I remember the feeling of extreme excitement when I had my 3.7M dish,
observing at the hydrogen, and made the first (of many)
successful transit scans of Cygnus-A. Realizing that the photons
that created that "bump" on my strip-chart left their source
half a billion years ago was just really exciting!

> .
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

715. Re: [Super_SID] 25 SEP ACTIVITY 20MHz & 24kHz

Yahoo group: Super_SID
Date: 2011-09-26 04:05:09 UTC
From: JGAVELLONE@aol.com
Topic: 715 Message: 715
Attachments: 1 described; binary payloads are missing from this source WARC

Interesting SID effects today.
The XRA flares @~ 1530, 1700, & 2220 produced SID effects at both 24kHz VLF (NAA signal) and in the VHF baseline 20MHz background noise level.
(chart attached)
Further, the flare activity between ~ 1500 & 1800 noticeably suppressed the interference noise from distant lightning in the 20MHz data.

John Avellone
Nellysford, VA

716. 192000Hz and 24bit?

Yahoo group: Super_SID
Date: 2011-10-01 16:21:58 UTC
From: ralph955i
Topic: 716 Message: 716

I've upgraded my SuperSID laptop to Windows 7 and after some additional work I succeeded in getting the SuperSID software up and running.

While setting up the input device I noticed that my audio card is able to process up to 192kHz at 24bit.

I assume the 192kHz is not a problem but only used to scale I'm not so sure whether the 24bit stuff is usable with the SuperSID software (allthough the graph looks quite good).

Any opinions (or knowledge) on this?

Ralph

717. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2011-10-02 18:07:33 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 717

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /M-CLASS FLARE OCT 2.jpg
Uploaded by : jtegerdine <jtegerdine@...>
Description : M-class flare on Oct. 2 detected on GOES and my Radio SkyPipe (21 mhz). 23' dipole antenna.

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/M-CLASS%20FLARE%20OCT%202.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

718. Re: [Super_SID] 192000Hz and 24bit?

Yahoo group: Super_SID
Date: 2011-10-02 20:54:56 UTC
From: WILLIAM & MELINDA LORD
Topic: 716 Message: 718

You will need to change the config file to
audio_sampling_rate = 192000

The only stations we know of that are at the higher frequencies are in Russia, none in North America.

Not sure how the 24 bit affects SuperSID. Try it and plot your data. If you can see sunrise and sunset, you should be able to detect SID's.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: ralph955i <ralph@...>
To: Super_SID@yahoogroups.com
Sent: Saturday, October 1, 2011 11:21 AM
Subject: [Super_SID] 192000Hz and 24bit?

I've upgraded my SuperSID laptop to Windows 7 and after some additional work I succeeded in getting the SuperSID software up and running.

While setting up the input device I noticed that my audio card is able to process up to 192kHz at 24bit.

I assume the 192kHz is not a problem but only used to scale I'm not so sure whether the 24bit stuff is usable with the SuperSID software (allthough the graph looks quite good).

Any opinions (or knowledge) on this?

Ralph

719. RE: [Super_SID] 192000Hz and 24bit?

Yahoo group: Super_SID
Date: 2011-10-02 21:01:28 UTC
From: Dave Benham
Topic: 716 Message: 719

Don't forget WWVB on 60 kHz.

Dave

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of WILLIAM & MELINDA LORD
Sent: Sunday, October 02, 2011 4:55 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] 192000Hz and 24bit?

You will need to change the config file to
audio_sampling_rate = 192000

The only stations we know of that are at the higher frequencies are in Russia, none in North America.

Not sure how the 24 bit affects SuperSID. Try it and plot your data. If you can see sunrise and sunset, you should be able to detect SID's.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: ralph955i <ralph@...>
To: Super_SID@yahoogroups.com
Sent: Saturday, October 1, 2011 11:21 AM
Subject: [Super_SID] 192000Hz and 24bit?

I've upgraded my SuperSID laptop to Windows 7 and after some additional work I succeeded in getting the SuperSID software up and running.

While setting up the input device I noticed that my audio card is able to process up to 192kHz at 24bit.

I assume the 192kHz is not a problem but only used to scale I'm not so sure whether the 24bit stuff is usable with the SuperSID software (allthough the graph looks quite good).

Any opinions (or knowledge) on this?

Ralph

720. Re: [Super_SID] 192000Hz and 24bit?

Yahoo group: Super_SID
Date: 2011-10-04 14:32:37 UTC
From: Jaap Akkerhuis
Topic: 716 Message: 720

On Oct 1, 2011, at 18:21, ralph955i wrote:

> I've upgraded my SuperSID laptop to Windows 7 and after some additional work I succeeded in getting the SuperSID software up and running.
>
> While setting up the input device I noticed that my audio card is able to process up to 192kHz at 24bit.
>
> I assume the 192kHz is not a problem but only used to scale I'm not so sure whether the 24bit stuff is usable with the SuperSID software (allthough the graph looks quite good).
>
> Any opinions (or knowledge) on this?

It is always very confusing what these numbers mean. There have even been class action settlement about the specs of some cards, see the glory details on <http://en.wikipedia.org/wiki/Sound_Blaster_Audigy>. What the audio chip might do as a maximum isn't always available due to the rest of the design of the sound card. Often the more accurate numbers can be found if you can figure out what the chip is that the cards uses, but even specs of the chips used are vague. As an example of confusing specs: Try to find them for the CA-0106, the chip used in the audigy SE card. I can only find the newer version at <http://www.creative.com/oem/products/chips/CA0110.asp> and if you fetch the data sheet it says in one spot "1 Stereo Line In with support in 48kHz/96kHz/192kHz sampling rate" and further down "24-bit/96kHz recording". Eh?

Often one see that there is maximum 192K/24bits specified The 192K/24 bits are sometimes for output only but some details are missing. Is this for a single channel? If they stereo output, do they mean both channels total or is this per channel. BTW, the 24 bits is often meant for the S/PDIF channels.The real sample format for these type of signals is 48 or 44.1 Khz, see also <http://en.wikipedia.org/wiki/S/PDIF>. Remember that nearly all sound cards have their own processor (DSPs) and don't have real ADs on board, they simulate these. And even if the chips might be able to do 192K/24 bits samples, it is hardly ever available for the end user because the auxiliary logic on the sound card or the driver often add limits to the way the chip can be used.

Looking up various specifications I see that often on input they specify a maximum of 96Khz sampling per channel. In that case the DSP is simulating two AD converters. Because of anti aliasing, that gives a maximum usable input frequency of 48 KHz, Nyquist frequency, see also <http://en.wikipedia.org/wiki/Nyquist_frequency>.

Anyway, this all boils down to the following: With ordinary sound cards, a sample rate of 96000 is likely what is possible and the maximum frequency we can then see would be around 48Khz. Some cards allow sometimes higher sample rates but you should read the specs carefully to find out what can be done.

Another thing I'm thinking about is to try to find the maximum rate possible and have the program adopt to that automatically (with a human override of course).

jaap

721. Re: [Super_SID] 192000Hz and 24bit?

Yahoo group: Super_SID
Date: 2011-10-04 14:37:59 UTC
From: Marcus D. Leech
Topic: 716 Message: 721

On 04/10/2011 10:32 AM, Jaap Akkerhuis wrote:
>
>
> On Oct 1, 2011, at 18:21, ralph955i wrote:
>
> > I've upgraded my SuperSID laptop to Windows 7 and after some
> additional work I succeeded in getting the SuperSID software up and
> running.
> >
> > While setting up the input device I noticed that my audio card is
> able to process up to 192kHz at 24bit.
> >
> > I assume the 192kHz is not a problem but only used to scale I'm not
> so sure whether the 24bit stuff is usable with the SuperSID software
> (allthough the graph looks quite good).
> >
> > Any opinions (or knowledge) on this?
>
> It is always very confusing what these numbers mean. There have even been
> class action settlement about the specs of some cards, see the glory
> details
> on <http://en.wikipedia.org/wiki/Sound_Blaster_Audigy>. What the audio
> chip might do as a maximum isn't always available due to the rest of the
> design of the sound card. Often the more accurate numbers can be found
> if you can figure out what the chip is that the cards uses, but even specs
> of the chips used are vague. As an example of confusing specs: Try to
> find them for the CA-0106, the chip used in the audigy SE card. I can
> only find the newer version at
> <http://www.creative.com/oem/products/chips/CA0110.asp> and if you fetch
> the data sheet it says in one spot "1 Stereo Line In with support in
> 48kHz/96kHz/192kHz sampling rate" and further down "24-bit/96kHz
> recording".
> Eh?
>
> Often one see that there is maximum 192K/24bits specified The 192K/24 bits
> are sometimes for output only but some details are missing. Is this for
> a single channel? If they stereo output, do they mean both channels total
> or is this per channel. BTW, the 24 bits is often meant for the S/PDIF
> channels.The real sample format for these type of signals is 48 or 44.1
> Khz, see also <http://en.wikipedia.org/wiki/S/PDIF>. Remember that nearly
> all sound cards have their own processor (DSPs) and don't have real ADs
> on board, they simulate these. And even if the chips might be able to do
> 192K/24 bits samples, it is hardly ever available for the end user because
> the auxiliary logic on the sound card or the driver often add limits to
> the way the chip can be used.

>
> Looking up various specifications I see that often on input they specify
> a maximum of 96Khz sampling per channel. In that case the DSP is
> simulating
> two AD converters. Because of anti aliasing, that gives a maximum
> usable input frequency of 48 KHz, Nyquist frequency, see also
> <http://en.wikipedia.org/wiki/Nyquist_frequency>.
>
> Anyway, this all boils down to the following: With ordinary sound cards,
> a sample rate of 96000 is likely what is possible and the maximum
> frequency
> we can then see would be around 48Khz. Some cards allow sometimes higher
> sample rates but you should read the specs carefully to find out what can
> be done.
>
> Another thing I'm thinking about is to try to find the maximum rate
> possible
> and have the program adopt to that automatically (with a human override
> of course).
>
> jaap
>
> _
I have a 192KHz card that really does offer 192Khz into my Linux
system. I can't remember the model number. I acquired it so that I could
play with making a WWVB receiver. But that project has made zero
progress.

722. About 2011 International Teenager Science and Technology Practice Contest the Guangzhou Invitational

Yahoo group: Super_SID
Date: 2011-10-05 16:09:34 UTC
From: 刘振中
Topic: 722 Message: 722
Attachments: 1 described; binary payloads are missing from this source WARC

2011 International Teenager Science and Technology Practice Contest & the Guangzhou Invitational Invitation letter
Hello everybody

TO
States regions Super SID Group members

Our International Teenager Science and Technology Practice Contest & Guangzhou Invitational competition committee and the Guangzhou Education Bureau and Guangdong Experimental High school wish to invite other countries of the outstanding Super-SID Group members, join 2011 International Teenager Science and Technology Practice Contest Guangzhou Invitational.

Decide to hold 2011 International Teenager Science and Technology Practice Contest in Nansha Guangzhou, from December 8, 2011 to December 11.

The Guangzhou Invitational for students and student exchanges，provides a yearly opportunity for Super SID Group members Face-to-face communication.

Guangzhou Invitational each participating member entry fee (meals, lodging) need to pay 300 USD.

States regions Super SID Group members, the Guangzhou Super-SID exchange discussion meeting fees, by the Guangzhou Education Bureau and the organizers to pay.

International Teenagers Science and Technology Federation of China
Guangzhou Education Bureau
ITSTF Contest & Guangzhou Invitational competition committee
Guangdong Experimental High School Super-SID Group members (China-SSAA)
Oct 1, 2011

2011 International Teenager Science and Technology Practice Contest &
Guangzhou Invitation
All the schools and institutes:
To encourage more outstanding scientific, innovative teen talent, improve the academic standard of science and technology counselors, and to promote the development of science and technology education, the Guangzhou Education Bureau, Guangzhou Nansha District Government, the Guangdong Experimental Middle School and the International Teenagers Science and Technology Federation, decide to hold 2011 International Teenager Science and Technology Practice Contest in Nansha Guangzhou, from December 8, 2011 to December 11. International Teenager Science and Technology Federation recruits all primary and junior high and high school students. During the Invitational Contest, the high school students who are outstanding will be admitted by famous British university and provided opportunities of scholarship; at the same time, they will be recommended by administration specialist of famous Chinese university and qualified as British Chinese exchange

students. Also, they will be qualified as a Participant of UK Forum on Science and Technology Festival and receive financial aid.
Guangzhou International Teenager Science and Technology Practice Contest will be hold by China Youths Labor Technology and Inventive Creation Committee, Pan-Pearl River Delta Technology Teachers' Federation, Guangdong Provincial Department of Education, Guangdong Science and Technology Association, and other guidance, International Teenagers Science and Technology Federation (UK), Guangzhou Education Bureau, and Guangzhou Nansha District Government, undertook by Guangdong Experimental Middle School and Guangzhou Youth Science and Technology Education Association.

Please login this web-site (www.ITSTF.org) or visit Pan-Pearl River Delta Technology Teachers' QQ group (73962528) to find out the latest arrangement information of 2011 International Teenager Science and Technology Practice Contest Guangzhou invitation.
Attachment 1: The program of activity of 2011 International Teenager Science and Technology Practice Contest Guangzhou invitation.
Attachment 2: Participants’ receipt of 2011 International Teenager Science and Technology Practice Contest Guangzhou invitation

International Teenagers Science and Technology Federation
Guangzhou Education Bureau
Sep 20, 2011

2011 International Teenager Science and Technology Practice Contest &
Guangzhou Invitation
All the schools and institutes:
To encourage more outstanding scientific, innovative teen talent, improve the academic standard of science and technology counselors, and to promote the development of science and technology education, the Guangzhou Education Bureau, Guangzhou Nansha District Government, the Guangdong Experimental Middle School and the International Teenagers Science and Technology Federation, decide to hold 2011 International Teenager Science and Technology Practice Contest in Nansha Guangzhou, from December 8, 2011 to December 11. International Teenager Science and Technology Federation recruits all primary and junior high and high school students. During the Invitational Contest, the high school students who are outstanding will be admitted by famous British university and provided opportunities of scholarship; at the same time, they will be recommended by administration specialist of famous Chinese university and qualified as British Chinese exchange students. Also, they will be qualified as a Participant of UK Forum on Science and Technology Festival and receive financial aid.
Guangzhou International Teenager Science and Technology Practice Contest will be hold by China Youths Labor Technology and Inventive Creation Committee, Pan-Pearl River Delta Technology Teachers' Federation, Guangdong Provincial Department of Education, Guangdong Science and Technology Association, and other guidance, International Teenagers Science and Technology Federation (UK), Guangzhou Education Bureau, and Guangzhou Nansha District Government, undertook by Guangdong Experimental Middle School and Guangzhou Youth Science and Technology Education Association.

Please login this web-site (www.ITSTF.org) or visit Pan-Pearl River Delta Technology Teachers' QQ group (73962528) to find out the latest arrangement information of 2011 International Teenager Science and Technology Practice Contest Guangzhou invitation.
Attachment 1: The program of activity of 2011 International Teenager Science and Technology Practice Contest Guangzhou invitation.
Attachment 2: Participants’ receipt of 2011 International Teenager Science and Technology

Practice Contest Guangzhou invitation

International Teenagers Science and Technology Federation
Guangzhou Education Bureau
Sep 20, 2011

Attachment:
2011 International Teenager Science and Technology Practice Contest Guangzhou Invitational
Program of activities

Directed units: National youth education and labor skills invention Committee, Pan-Pearl River Delta Technology Teachers' Federation, Guangdong Provincial Department of Education, and Guangdong Science and Technology Association

Organizer: International Teenagers Science and Technology Federation (UK), Guangzhou Education Bureau, and Guangzhou Nansha District Government.
Sponsor: Guangdong Experimental Middle School and Guangzhou Youth Science and Technology Education Association.
Assistant unit: Guangzhou Nansha District Tourism Industry Corporation.

Location: Nansha, Guangzhou , Guangdong , China .
Time: Dec 8, 2011 to Dec 11, 2011
Web-site: www.ITSTF.org

First, Event overview:
This Contest invites teenagers all over the world to regularly participate the practice of science and technology competition hosted by Guangzhou , China , for the young talents who have invented the practice of science and technology, provided communication platform. Activities for primary, secondary and high school students, Its fundamental purpose is to promote youth science and technology activities to become flourished, to cultivate a spirit of scientific practice, to enhance young people’s innovation and practical ability, to improve the technological quality of young people, to encourage more talent. This Competition provides a fair international competition environment for local schools, enhances the scientific qualities and skills of the science and technology counselors, and promotes the popularization and development of science and technology education, to meet the real world and the challenges of the future world.

Second, Competition content:
Team Structure: each team consists of 4-7 persons; each team must finish 3 programs.
1. Challenge – shelter (100)
States earthquakes frequently occur. During earthquakes, the most harmful causes are the collapse of roofs and brick walls. This project is to design and redecorate bathroom, kitchen, store rooms, bedrooms for apartments and countryside rural Housing, making a shelter which is a convenient place, but can be as a temporary "escape shelter." during earthquakes.

Prepare materials in advance to design a less than 1M × 1M × 1M space room structure; Making it safe and escapable, based on a creative safety structure; you can use all material you want, but need to explain the reasons why you use it; can design and produce in advance, but needed to disintegrate and then re-assemble it during the contest; materials can also be prepared in advance, assemble it during the contest; the main propose is to test students' creative thinking and practical ability.

Competition content:

1) Research report (30 points): Providing research report, report included: Design report, production process, alteration, effect and innovation (around 2000-3000 words and 8-20 pictures)

2) Operation induction (70 points): members need to assemble equipments, and participate the discussion with the professors. Members need to show the test driven model process (failure can't exceed 3 times). Points are given based on the record (30 points). Professors will raise the questions about the concepts and innovation .And the students may be requested to disconnect the equipment. Therefore, with the guidance of the professors, the project should be finished by the members independently.

2. Performance Project—Bonfire party (100 points)

Every team needs to prepare a performance which is created by each team members. 3-5 minutes. (Points are taken out for over the time limit). Equipment and clothing are self-prepared

Performance results (50 points); Fluency of performance, acting skills, clothing and equipment used (30 points); sense of humor (20points).

3. Practice Projects -- -- The competition of total eclipse observations: receive observation mission, and submit the results of observation after. Every participant (school) will need to demonstrate the youth elegant demeanor during the opening ceremony and award ceremony, please be prepared before 1 December.

Third, Assessment:

Experts hired by the organizing committee composed of the assessment review committee. Assessment principles: open, just, fair.

Assessment Standard: ① projects are innovative; ② performances are creative; ③Science fiction arts of those creative projects are imaginative; ④ projects require students have good capability to complete practical work.

Fourth, Recognition and reward:

1. The award of creativity; 2.The award of Technology Performing Arts; 3.The award of practical observations.

The Judging Panel will hand over the gold, silver and bronze award to each group finalists who are classified to elementary, junior high, and high school. The percentage of entire awards: Gold 15%, 35% silver, bronze 50%.

During the Invitational Contest, the high school students who are outstanding will be admitted by famous British university and provided opportunities of scholarship; at the same time, they will be recommended by administration specialist of famous Chinese university and qualified as British Chinese exchange students. Also, they will be qualified as a Participant of UK Forum on Science and Technology Festival and receive financial aid. The assessment review committee will evaluate and award excellent counselors and educators.

Fifth, schedule:

Dec 8 (Thursday)

(1) Team member congregation. Team member will be picked up by an official vehicle at the entrance of NanSha subway of Guangzhou and the entrance of Guangdong Experimental High School to the ceremony venue; (2) 18:30 dinner time; (3) 19:30 instructor meeting (preparatory meeting).

Dec 9 (Friday)

(1) Opening ceremony; (2) each group in order to enter the specific venue; (3) each team takes their own task; (4) start to design and produce; (5) finish design report (6)

Three-dimensional design drawing.
Dec 10 (Saturday)
(1) The competition of producing shelter model at the morning; (2) having a lunch and go to coast hotel; (3) each group has their evening bonfire party (the competition of entertainment performance, sorted by each team); (4) practical contest (Total lunar eclipse observation race; total lunar eclipse at 22:36)
Dec 11(Sunday)
(1) Morning 10:00-11:30 award ceremony; (2) dismiss after lunch.
Sixth, registration process:
1. Each school registers as a member of the ITSTF, and gets its number in the Contest.
2. According to the list of register's member, grouped by primary school, junior high school and high school.
3. The component of registers: A. each school (or Teenagers' Land, Youth Activities Centre, and education institute etc.) can group by 2 teams and each team only has no more than 2 instructors; B. each team consist of 4-7 persons; C. each team must accomplish specified tasks.
4. Invitation cards: A. invitation cards sent by Secretary Office of the competition organizing Committee; B. invited units need to reply by E-mail for confirmation. C. Forum's login name and password are allotted to the institutes who are invited; D. the info. (team, name, age, grade, and the date of birth) Of team member should be submitted by invited institutes; E. can submit info. at practical competition forum http://www.itstf.org/bbs/ (login and find the info. submission icon); F. the expire date is Nov 18, 2011.

Seventh, award announcement:

After the judgment is finally made, the winning activities will be shown on the International Teenager Science and Technology Practice Contest Website, including: names of the winning students, schools, school counselors, names of the activities, etc. During this time, anyone who has objections can write, send email or fax to the Contest Organizing Committee (with his or her name, working unit, telephone number). After relevant investigation, if the winners are found to have qualification problems or plagiarize other people's works, they will be disqualified from winning the prizes.

Eighth, the contact information of Secretary Office of the competition organizing Committee:

Contact unit: The Guangzhou Contest Committee of International Teenager Science and Technology Practice Contest.

Contact address: Astronomy office, Guangdong Experimental High School , no.1 Shengshi road Longxi Avenue , liwan district, Guangzhou , Guangdong province.

Postal code: 510375

Associates: Zhongyi Liu： 13725269585 , zhenzhong, Liu: 13113371703

Phone: 020-81516523 Fax: 020-81406852

E-mail: ITSTF@... ITSTF.office@...

QQ colleague (Pan-Pearl River Delta technology teachers' group) 73962528

723. SID peak early and whether neutrinos superluminal

Yahoo group: Super_SID
Date: 2011-10-07 16:05:34 UTC
From: GZ
Topic: 723 Message: 723

Hello, everyone
Super SID Group China-SSAA Greetings

Our Super SID Group some time ago in the analysis of China-SSAA uploads data, we note that about 5 months, found a strange phenomenon is interesting. SID team compared to other data, found that the outbreak of the sun C3-C8 level, SID peak early phenomenon. Normal levels after the outbreak of C3-C8, SID peak, this phenomenon appears in the SID monitoring local noon.
SID phenomenon of peak early, I and My student's had discussed. They put forward different views, and the hope and all SID team discuss.
I view is that China-SSAA data there is a lag between the reason.
My student's view is that the sun C3-C8 level whiles the outbreak of an unknown cause affecting the Earth's magnetic field and ionosphere. Solar magnetic field and the Earth's magnetic field has a magnetic resonance phenomenon, the sun on the Earth's gravity has a direct relationship.
They explanation view:
Assuming the Sun and the Earth as a large ball and small ball between, tied a rubber band between them (gravitational field lines), big ball gyro rotation, is bound to tighten the rubber band, reducing power by a rubber band to the energy transfer to the small ball, small gyro ball started turning.
If established, Earth's magnetic field will be the same as top spin and swing, Earth's magnetic poles point drift state, north and south poles point will be non-axisymmetric the state, magnetic axis should be slightly distorted and biased towards the sun.
The sun's surface magnetic flare suddenly appear, Will accelerate the movement of charged particles thrown to the earth, Flare magnetic field as a particle accelerator, The part of the particles accelerated to near light speed motion.

Last month, the European Nuclear Research Center "OPERA" pilot project to detect neutrinos superluminal experiments. My son understands the superluminal particle experiments, and put forward their own views and I discussed, I am a little surprised.
My son (shanqian Liu 15 year-old high school students in Guangzhou) made his views would like to discuss with you.
Here are his views:
Neutrinos through the Earth can be several hundred years ago Newton <power conservation pinball test> can be explained, Small steel ball impact 100 small steel balls, and finally a small steel ball was passed after the bounce power conservation, two small ball has been hit before and after exercise, and decay to stop.
Neutrinos through the Earth can be used hundreds of years ago, Newton's Cradle (Edme Mariotte 1676) can be explained. <Newton's cradle, named after Sir Isaac Newton, is a device that demonstrates conservation of momentum and energy via a series of swinging spheres. When one on the end is lifted and released, the resulting force travels through the line and pushes the last one upward.>
Assuming the super high-energy neutrino particles, Neutrinos through the Earth, it is a Newton's cradle through experiments (energy conservation). The first neutrino colliding with Earth through the Earth is not the same neutrino, Neutrinos through the Earth is a

kind of pure energy through the earth.
¡°OPERA¡± neutrino experiments are to compare the particle energy and electromagnetic energy transfer rate. Energy has a particle nature and volatility transmission, Experimental Comparison of sound transmission speed in the solid (fast) and air (slow) in transmission speed. "OPERA" experiment key to success, look through the neutrino (energy transfer) of media objects. Different media objects with different speeds.

We look forward to your arrival. International Teenager Science and Technology Practice Contest & the Guangzhou Invitational and Guangzhou SID discussions, face to face communication.

Guangdong Experimental High School Super-SID Group members (China-SSAA)
Zhenzhong Liu and shanqian Liu
Oct 7, 2011

724. Re: Project Finalizations

Yahoo group: Super_SID
Date: 2011-10-08 18:18:52 UTC
From: Deborah Scherrer
Topic: 724 Message: 724

Hello Anthony,

We've passed your idea around several people to get comments.
It looks like this would be a good project, though not an
easy one. Here's a collection of comments:

"It sounds like a difficult task given all of the peculiarities of the
SID data. I suppose the hard part will be differentiating flares from
spurious signals. But very cool if it can be done.
I wonder if there's some kind of AI program that could be used. "

"His approach is basically correct--look for rate-of-change anomalies in
the data, and highlight them in some way."

"There are also a heptillion data-analysis tools out there, both for
Linux and Windows. R, Octave, MatLab, etc.
I'm sure they all have 'search for anomalies that deviate more than
x-Sigma from the ordinary data stream', and 'show me the first
derivative'. That sort of thing."

So, not sure how helpful these are, but it sounds encouraging to me.
Another idea is to get in touch with the SuperSID group that is
looking into the noise issue. They may be able to share some
information. You can reach the group by emailing:
SuperNoise@...

Good luck. And keep us posted on your progress!

Deborah

On 10/5/2011 4:27 PM, anthony bisulco wrote:
> Dear Dr. Scherrer,
>
> Hello it?s Anthony, and I finally have found a project Idea, I wanted to get your opinion of the idea. I would like to develop a computer program that can analyze Super Sid data and then detect solar flares in the data. This would eliminate the need for a researcher to graph the data and look for solar flares. Is there any software like this out in the radio astronomy field? I am learning java programming language right know and know objective C. I propose to search for solar flares in the data by using a data mining package in java which allows data to be scanned by java and read in as an array. Then by reading this array I am going to test the rate of change in cells and depending on the rate of change as it slowly goes up over an hour I am going to compare one hour's rate of change over all others and if the rate of change is great enough then it will set a notification of a possible solar flare.
>
> Also if you could recommend someone involved in the Super Sid programming team to help me as I work on the problem.

>
> Thanks for all of your support
> Anthony Bisulco

725. SuperSID software crash

Yahoo group: Super_SID
Date: 2011-10-11 16:45:01 UTC
From: David Cleary
Topic: 725 Message: 725

The power went out while SuperSID was running. I had to reinstall the software to get it to run again, and when it did, it stopped sending files to Stanford. I can view my daily files with the Plot function in the software but when I look in My Computer (running Vista) in the SuperSID data folder these files do not appear. The sample files appear in both the Plot function and the My Computer view, but the daily files do not.

When I tried to look at Properties of the daily files in the Plot view, Windows generated a Runtime Error. Microsoft Visual C++ Runtime Library generated the message: "This application has requested the Runtime to terminate it in an unusual way. Contact the application's support team for more information."

Any ideas what's wrong?
Dave Cleary

726. FREE SID

Yahoo group: Super_SID
Date: 2011-10-12 12:22:40 UTC
From: BRUCE
Topic: 726 Message: 726

I would like to donate a SuperSid radio telescope to an educational institution or non-profit organization. Everything but the computer. Pickup in Atlanta Ga.

http://web.mac.com/picinapod/Sun_Gun/SRT.html

Regards

Bruce

727. Anyone from Montreal here?

Yahoo group: Super_SID
Date: 2011-10-14 00:16:25 UTC
From: jennifer27usa,
Topic: 727 Message: 727

Hi is there anyone from Montreal on this list?
If so please write me directly: robertweisbloom@...
Thanks

728. Re: [Super_SID] Anyone from Montreal here?

Yahoo group: Super_SID
Date: 2011-10-14 00:35:33 UTC
From: Marcus D. Leech
Topic: 727 Message: 728

On 10/13/2011 08:16 PM, jennifer27usa, wrote:
>
> Hi is there anyone from Montreal on this list?
> If so please write me directly: robertweisbloom@...
> <mailto:robertweisbloom%40gmail.com>
> Thanks
>
> __.
I'm a couple of hours away, in the Ottawa area.

>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

729. Flares?

Yahoo group: Super_SID
Date: 2011-10-18 20:13:39 UTC
From: matheus_ohe
Topic: 701 Message: 729

Hi all once again.

First of all I would like to express my (ours, here at the observatory) immense gratitude to all of you, and now specially SARA's/Bill & Melinda's "Donation for Education". Our SuperSID arrived last week (along with all the lovely extras) without a problem and has been set up.

You guys are simply great.

Now for the trouble-shooting:

As soon as I installed the SuperSID, I could see the difference in the spectrum. As shown here <http://i52.tinypic.com/4uw5yd.png> , the SuperSID still obviously gets bathed with noise, but it still seems to be able to produce a more "resolute" profile. There is no doubt now that this building is a heck of a noise-cage (it's secured with tmt bars), and I'm still waiting the university's liberation to dig the hole for that antenna-burial-please-get-rid-of-the-noise test of mine.

But here's the deal, it seems like in the weekends, when there is almost never anybody here, the equipment gets to produce a kinda faint but still convincing sunrise/sunset affected spectrum, and last saturday (15th) I got this:

http://i56.tinypic.com/314s5cy.jpg <http://i56.tinypic.com/314s5cy.jpg>
&
http://i56.tinypic.com/2jchph2.png <http://i56.tinypic.com/2jchph2.png>
with the SuperSID

and this:
http://i52.tinypic.com/2czdd7d.png <http://i52.tinypic.com/2czdd7d.png>
with the old monitor running SIDMON

As you can see, it hits with the C2.3 and C1.3 flares captured by GOES... Do you think it is actual signal? Or maybe just an unlucky noise coincidence? I captured it in almost all of the stations SuperSID is monitoring, seems convincing... If that's so, then why did it not register a few events like a C5.0 and another C2.0 the same evening??

You can see the whole deal here <http://sid.stanford.edu/database-browser/> , monitor-search for "Brazil" and select all those from the 0289 monitor. I went further back to other weekends and only seemed to find a couple of spikes matching with C1.0 or so flares, not the big ones...

I'd like your opinion to be sure and all, it's been so long I've wanted to capture something that maybe it's just wishful thinking!

Thanks in advance!

730. SAQ transmission

Yahoo group: Super_SID
Date: 2011-10-22 08:21:29 UTC
From: Ricardo
Topic: 730 Message: 730

Hello all,

It's going to happen an extra SAQ transmission. You can see the details in http://www.alexander.n.se/ <http://www.alexander.n.se/> :

Transmissions on United Nations Day October 24th
We are planning for two transmissions on United Nations Day October 24th. On the first transmission, a message will be sent at 10:30 UTC. We start the transmitter at10:10 UTC for tuning. PLEASE NOTE THAT NO QSL WILL BE GIVEN THIS TIME, BUT WE WANT YOU TO MAIL AND CORRESPOND WITH US AT WWW.UNDAY.ORG <http://www.unday.org/> . Next transmission on United Nations Day takes place at 18:00 UTC. We start the transmitter at 17:30 UTC. No QSL will be given. The frequency is as usual 17.2 kHz CW.

With your Super SID receiver you can try to hear SAQ Morse. Just install the free software: http://sites.google.com/site/sm6lkm/saqrx <http://sites.google.com/site/sm6lkm/saqrx> and use your antenna and Super SID as you normally do.

Please let me kwon if you manage to receive SAQ.

Good observations,

Ricardo Gama

731. Re: [Super_SID] SuperSID software crash

Yahoo group: Super_SID
Date: 2011-10-23 21:48:16 UTC
From: WILLIAM & MELINDA LORD
Topic: 725 Message: 731

Hi Dave,

Sorry for the delayed response. Have you tried removing and then re-installing the SuperSID software? A file may have been corrupted when the power went out.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: David Cleary <davecleary5@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, October 11, 2011 11:45 AM
Subject: [Super_SID] SuperSID software crash

The power went out while SuperSID was running. I had to reinstall the software to get it to run again, and when it did, it stopped sending files to Stanford. I can view my daily files with the Plot function in the software but when I look in My Computer (running Vista) in the SuperSID data folder these files do not appear. The sample files appear in both the Plot function and the My Computer view, but the daily files do not.

When I tried to look at Properties of the daily files in the Plot view, Windows generated a Runtime Error. Microsoft Visual C++ Runtime Library generated the message: "This application has requested the Runtime to terminate it in an unusual way. Contact the application's support team for more information."

Any ideas what's wrong?
Dave Cleary

732. SIDSuite moved to CGRAN

Yahoo group: Super_SID
Date: 2011-10-26 22:59:21 UTC
From: Marcus D. Leech
Topic: 732 Message: 732

SIDSuite has now moved to CGRAN (https://www.cgran.org/wiki/SIDSuite)

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

733. Lost Disk

Yahoo group: Super_SID
Date: 2011-10-27 04:58:42 UTC
From: dennis.recla
Topic: 733 Message: 733

Well, I switched to Windows7 and the backup files I copied to the new computer are not working. Keeps trying to find some DLL file. I went to find my original SID disk and can't find it. Is there somewhere I can download the original ZIP file to re-install the programs?

Dennis Recla
Wa5KTC

734. Re: [Super_SID] Lost Disk

Yahoo group: Super_SID
Date: 2011-10-27 08:12:35 UTC
From: Jaap Akkerhuis
Topic: 733 Message: 734

On Oct 27, 2011, at 6:58, dennis.recla wrote:

> Well, I switched to Windows7 and the backup files I copied to the new computer are not working. Keeps trying to find some DLL file. I went to find my original SID disk and can't find it. Is there somewhere I can download the original ZIP file to re-install the programs?

Which .DLL file it is complaining about? It would help if we had a name.
If it is something like "MSVCP71.DLL" It is unlikely to be on the original
disk either. That file is part of the Visual C runtime library and one
can get a copy somewhere from the Microsoft support site. However, if you
just Google for the name you are likely to find other free available copies
as well. If it complains about something else, please give some details
about the complain (such as the complete error message). That makes
diagnosing problems easier.

Regards,

jaap

735. Re: [Super_SID] Lost Disk

Yahoo group: Super_SID
Date: 2011-10-27 08:36:36 UTC
From: danny garvin
Topic: 733 Message: 735

If you go to the file section of this group there is a paper on missing DLL files that may help also here is the link to download all the SUPER SID files
http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/
Danny
WB9RIM

From: dennis.recla <drecla@...>
To: Super_SID@yahoogroups.com
Sent: Wednesday, October 26, 2011 11:58 PM
Subject: [Super_SID] Lost Disk

Well, I switched to Windows7 and the backup files I copied to the new computer are not working. Keeps trying to find some DLL file. I went to find my original SID disk and can't find it. Is there somewhere I can download the original ZIP file to re-install the programs?

Dennis Recla
Wa5KTC

736. Re: Lost Disk

Yahoo group: Super_SID
Date: 2011-10-27 14:41:56 UTC
From: dennis.recla
Topic: 733 Message: 736

Yes, that is the DLL, I have put a copy in the System32 directory, in the root directory, and can't seem to make the program happy, so it finds it. If I try to register the DLL, it even says it can't find it. So I figure there must be some other problem in my source files.

I found the source of files, but is there a location where I can get them all in one package to download?

Got another suggestion.

Dennis

--- In Super_SID@yahoogroups.com, Jaap Akkerhuis <jaapna@...> wrote:
>
>
> On Oct 27, 2011, at 6:58, dennis.recla wrote:
>
> > Well, I switched to Windows7 and the backup files I copied to the new computer are not working. Keeps trying to find some DLL file. I went to find my original SID disk and can't find it. Is there somewhere I can download the original ZIP file to re-install the programs?
>
> Which .DLL file it is complaining about? It would help if we had a name.
> If it is something like "MSVCP71.DLL" It is unlikely to be on the original
> disk either. That file is part of the Visual C runtime library and one
> can get a copy somewhere from the Microsoft support site. However, if you
> just Google for the name you are likely to find other free available copies
> as well. If it complains about something else, please give some details
> about the complain (such as the complete error message). That makes
> diagnosing problems easier.
>
> Regards,
>
> jaap
>

737. Re: [Super_SID] Lost Disk

Yahoo group: Super_SID
Date: 2011-10-30 13:51:23 UTC
From: Jaap Akkerhuis
Topic: 733 Message: 737

On Oct 27, 2011, at 16:41, dennis.recla wrote:

> Yes, that is the DLL, I have put a copy in the System32 directory, in the root directory, and can't seem to make the program happy, so it finds it. If I try to register the DLL, it even says it can't find it. So I figure there must be some other problem in my source files.

What is the error message? It might give a hint about what is going on.
BTW, according to the file section of this group, you can also place it
in the directory where the Program lives (See
<http://tech.groups.yahoo.com/group/Super_SID/files/>).

> I found the source of files, but is there a location where I can get them all in one package to download?

If you mean as source
<http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/>, no.

> Got another suggestion.
(1) There are tools out there which will recursively download a directory
tree. As an example, google for "wget for windows".

(2) You could ask for, or order a new CD from WILLIAM & MELINDA LORD
<ap_guardian@...>.

jaap

738. Re: [Super_SID] SuperSID software crash

Yahoo group: Super_SID
Date: 2011-10-30 19:16:23 UTC
From: David Cleary
Topic: 725 Message: 738

Hi Bill,

I tried uninstalling SuperSID by deleting the SuperSID directory. For some reason I was not able to uninstall it using Windows as it does not appear on the Windows Vista version of Programs and Features, the location you'd usually expect to uninstall a program from. After deleting the SuperSID files I reinstalled it from the disk and it still didn't work.

Next thing I'm going to try is to fix the Run Time C++ library file that may be corrupted.

Thanks for getting back to me.

Dave Cleary

From: WILLIAM & MELINDA LORD <ap_guardian@yahoo.com>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Sunday, October 23, 2011 3:48:16 PM
Subject: Re: [Super_SID] SuperSID software crash

Hi Dave,

Sorry for the delayed response. Have you tried removing and then re-installing the SuperSID software? A file may have been corrupted when the power went out.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: David Cleary <davecleary5@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, October 11, 2011 11:45 AM
Subject: [Super_SID] SuperSID software crash

The power went out while SuperSID was running. I had to reinstall the software to get it to run again, and when it did, it stopped sending files to Stanford. I can view my daily files with the Plot function in the software but when I look in My Computer (running Vista) in the SuperSID data folder these files do not appear. The sample files appear in both the Plot function and the My Computer view, but the daily files do not.

When I tried to look at Properties of the daily files in the Plot view, Windows generated a Runtime Error. Microsoft Visual C++ Runtime Library generated the message: "This

application has requested the Runtime to terminate it in an unusual way. Contact the application's support team for more information."

Any ideas what's wrong?
Dave Cleary

739. Triple-humped structure in data

Yahoo group: Super_SID
Date: 2011-11-01 17:44:53 UTC
From: Marcus D. Leech
Topic: 739 Message: 739

Yesterday (2011-10-31) between 17:00UTC and 19:00UTC, there is a
triple-humped excursion structure in many peoples data that doesn't
appear to correspond to any X-Ray events in the NOAA data.

Anybody have any explanation? It's fascinating. I noticed that my data
for all but NAA have the structure, but since NAA is off the air on
Mondays, that is to be expected. I went looking for the same
structure in other data on the SID data site, and sure enough, the
triple-humped
structure appears in other monitors data as well.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

740. RE: [Super_SID] Triple-humped structure in data

Yahoo group: Super_SID
Date: 2011-11-01 17:53:39 UTC
From: Dave Benham
Topic: 739 Message: 740
Attachments: 4 described; binary payloads are missing from this source WARC

Marcus,

I got it here too. I just sent files for the past couple of days in to Stanford and for some reason my 10/31 files are not posted yet. Not sure if there's a natural delay in that process, or if something happened to the submission.

Very odd pattern though. If you look at the GOES plot below, you can just see 3 little spikes on top of this flare (or group of flares). I just think our plots make it look more pronounced.

I'm not sure my plots will make it to the yahoo group, so I'm sending this direct to you as well.

Dave
McMath-Hulbert Solar Observatory
Lake Angelus, MI

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Marcus D. Leech
Sent: Tuesday, November 01, 2011 1:45 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Triple-humped structure in data

Yesterday (2011-10-31) between 17:00UTC and 19:00UTC, there is a triple-humped excursion structure in many peoples data that doesn't appear to correspond to any X-Ray events in the NOAA data.

Anybody have any explanation? It's fascinating. I noticed that my data for all but NAA have the structure, but since NAA is off the air on Mondays, that is to be expected. I went looking for the same structure in other data on the SID data site, and sure enough, the triple-humped
structure appears in other monitors data as well.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

741. Re: [Super_SID] Triple-humped structure in data

Yahoo group: Super_SID
Date: 2011-11-01 17:58:23 UTC
From: Marcus D. Leech
Topic: 739 Message: 741

On 11/01/2011 01:53 PM, Dave Benham wrote:
>
> Marcus,
>
> I got it here too. I just sent files for the past couple of days in to
> Stanford and for some reason my 10/31 files are not posted yet. Not
> sure if there's a natural delay in that process, or if something
> happened to the submission.
>
> Very odd pattern though.If you look at the GOES plot below, you can
> just see 3 little spikes on top of this flare (or group of flares). I
> just think our plots make it look more pronounced.
>
> I'm not sure my plots will make it to the yahoo group, so I'm sending
> this direct to you as well.
>
Very nice plots, David.

Yes, it looks like the M1.5 that occurred at this time was of fairly
long duration, and the GOES data simply doesn't have the time resolution.
But also, the GOES data is plotting X-Ray flux, and we're plotting
the ionospheric *response* to that flux, so our data could have patterns
that aren't as obvious in the X-Ray data.

> **
--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

742. RE: [Super_SID] Triple-humped structure in data

Yahoo group: Super_SID
Date: 2011-11-01 19:26:04 UTC
From: danny garvin
Topic: 739 Message: 742

I saw the same pattern in my data as well very cool. Dave I think your right since our data is more spread out it has better resolution than the GOES data.
Danny
WB9RIM
On Tue Nov 1st, 2011 12:53 PM CDT Dave Benham wrote:

>Marcus,
>
>I got it here too. I just sent files for the past couple of days in to
>Stanford and for some reason my 10/31 files are not posted yet. Not sure if
>there's a natural delay in that process, or if something happened to the
>submission.
>
>Very odd pattern though. If you look at the GOES plot below, you can just
>see 3 little spikes on top of this flare (or group of flares). I just think
>our plots make it look more pronounced.
>
>I'm not sure my plots will make it to the yahoo group, so I'm sending this
>direct to you as well.
>
>Dave
>McMath-Hulbert Solar Observatory
>Lake Angelus, MI
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> -----
>
>From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf
>Of Marcus D. Leech
>Sent: Tuesday, November 01, 2011 1:45 PM
>To: Super_SID@yahoogroups.com
>Subject: [Super_SID] Triple-humped structure in data
>
>
>Yesterday (2011-10-31) between 17:00UTC and 19:00UTC, there is a
>triple-humped excursion structure in many peoples data that doesn't
>appear to correspond to any X-Ray events in the NOAA data.
>

>Anybody have any explanation? It's fascinating. I noticed that my data
>for all but NAA have the structure, but since NAA is off the air on
>Mondays, that is to be expected. I went looking for the same
>structure in other data on the SID data site, and sure enough, the
>triple-humped
>structure appears in other monitors data as well.
>
>--
>Marcus Leech
>Principal Investigator
>Shirleys Bay Radio Astronomy Consortium
>http://www.sbrac.org
>

743. Re: [Super_SID] Triple-humped structure in data

Yahoo group: Super_SID
Date: 2011-11-01 21:11:29 UTC
From: Marcus D. Leech
Topic: 739 Message: 743

> I saw the same pattern in my data as well very cool. Dave I think your
> right since our data is more spread out it has better resolution than
> the GOES data.
> Danny
> WB9RIM
> On Tue Nov 1st, 2011 12:53 PM CDT Dave Benham wrote:
>
I remember looking at the GOES 1-minute data yesterday, and not seeing
any strong triple-humped structure, and the 5-minute data is
too low resolution to show it. Anyone know if there's a way to "go
back in time" to look at the higher (1-minute) resolution GOES data for
an arbitrary date?

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

744. Need help on Data Validation

Yahoo group: Super_SID
Date: 2011-11-01 13:24:11 UTC
From: pikwah88
Topic: 744 Message: 744

Hi all. Greetings from Malaysia.
I am Pik Wah, an engineering undergraduate student from Universiti Kebangsaan Malaysia currently working on the SuperSID as part of my final year project. On behalf of the members who involve in the SuperSID project in my university, I hope to get some enlightenment from you on the problem that we encounter in the course of data validation.
The SuperSID monitor has been set up in our faculty. System test has been carried out to determine the internal soundcard noise and the preamplifier noise. For internal soundcard noise, peaks at specified frequency generated by the signal generator are detectable and the noise floor is around 25dB. For preamp noise check, the generated peaks could be detected but both signal and noise from environment have been amplified, the S/N is not that high. However, we have identified some peaks due to noise in environment, i.e. 27.7k, 46.9k, 32.6k, 23.9k, 24.9k, 26.2k, 28.8k, 30.4k, 32.5k and 33.2k.
This is the spectrum <http://i1182.photobucket.com/albums/x460/pikwah/Spectrum.jpg> that we get when preamp is connected to antenna and line in of the sound card. Thus, we have selected some stations to be monitored i.e. 3SA (20.6k), 3SB (10.6k), HWV (21.75k), NPM (21.4k), JJI (22.2k), GQD (22.1k), UGKZ (30.3k), TBB (26.7k), NRK (37.5k), TFK (37.5k) and FTA (16.8k).

From the result monitored from 14 ☐ 19 Oct 2011, we found that for most stations did not exhibit the day night pattern <http://i1182.photobucket.com/albums/x460/pikwah/3SA_FTA_15OCT-1.jpg> .
Two of the stations that we think we get an `approximate' sunset sunrise pattern are that of TFK/NRK on 15 Oct 2011 <http://i1182.photobucket.com/albums/x460/pikwah/TFK_15OCT2011.jpg> , which is Saturday and there is nobody here.

Checking with GOES SID Data, we suspect that our SID monitor actually detected some peaks of SID, especially those of C1.1 and C2.3 on 15 Oct 2011 (highlighted). However, we are wondering why the signal during nighttime is fluctuating up and down.

Unfortunately, for other days, we did not see the approximate day-night pattern for the TFK station. Thus, this inconsistent result makes me wonder whether the 'detection of solar flares' as described above is just a coincidence.

Besides, we understand from the manual that the spectrum is plot in UTC time and we need to compute our own local time in the analysis. Our question is whether the timezone offset in the configuration file is used to determine the sunrise and sunset time of our station when the data is uploaded to the Stanford SID database?

Your feedback and comment is very much appreciated. Thank you.

745. RE: [Super_SID] Triple-humped structure in data

Yahoo group: Super_SID
Date: 2011-11-01 23:52:16 UTC
From: Dave Benham
Topic: 739 Message: 745

I think 3 day plots are all that are available in the archives.
http://www.swpc.noaa.gov/ftpmenu/plots/xray.html. If you back up to the
parent directory, there are other options available, but a one-minute plot
does not seem to be one of them. Here is that page:
http://www.swpc.noaa.gov/ftpmenu/plots.html Also, its parent directory:
http://www.swpc.noaa.gov/ftpmenu/index.html And so on.

Dave

_____

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf
Of Marcus D. Leech
Sent: Tuesday, November 01, 2011 5:11 PM
To: Super_SID@yahoogroups.com
Cc: danny garvin
Subject: Re: [Super_SID] Triple-humped structure in data

I saw the same pattern in my data as well very cool. Dave I think your right
since our data is more spread out it has better resolution than the GOES
data.
Danny
WB9RIM
On Tue Nov 1st, 2011 12:53 PM CDT Dave Benham wrote:
I remember looking at the GOES 1-minute data yesterday, and not seeing any
strong triple-humped structure, and the 5-minute data is
too low resolution to show it. Anyone know if there's a way to "go back
in time" to look at the higher (1-minute) resolution GOES data for
an arbitrary date?

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

746. Re: Triple-humped structure in data

Yahoo group: Super_SID
Date: 2011-11-02 06:24:22 UTC
From: wb9rim
Topic: 739 Message: 746

I just found a 1m data file for 10/18/11 - 1/31/11 at http://ngdc.noaa.gov/ngdc.html and uploaded it to the files section of the group. It is in PDF format so you can zoom in and see the peaks quit clear.
Danny
--- In Super_SID@yahoogroups.com, "Dave Benham" <dad@...> wrote:
>
> I think 3 day plots are all that are available in the archives.
> http://www.swpc.noaa.gov/ftpmenu/plots/xray.html. If you back up to the
> parent directory, there are other options available, but a one-minute plot
> does not seem to be one of them. Here is that page:
> http://www.swpc.noaa.gov/ftpmenu/plots.html Also, its parent directory:
> http://www.swpc.noaa.gov/ftpmenu/index.html And so on.
>
> Dave
>
>
>
> _____
>
> From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf
> Of Marcus D. Leech
> Sent: Tuesday, November 01, 2011 5:11 PM
> To: Super_SID@yahoogroups.com
> Cc: danny garvin
> Subject: Re: [Super_SID] Triple-humped structure in data
>
>
>
> I saw the same pattern in my data as well very cool. Dave I think your right
> since our data is more spread out it has better resolution than the GOES
> data.
> Danny
> WB9RIM
> On Tue Nov 1st, 2011 12:53 PM CDT Dave Benham wrote:
> I remember looking at the GOES 1-minute data yesterday, and not seeing any
> strong triple-humped structure, and the 5-minute data is
> too low resolution to show it. Anyone know if there's a way to "go back
> in time" to look at the higher (1-minute) resolution GOES data for
> an arbitrary date?
>
>
>
> --
> Marcus Leech
> Principal Investigator

> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

747. NAA doing a transmitter test right now

Yahoo group: Super_SID
Date: 2011-11-28 23:47:53 UTC
From: Marcus D. Leech
Topic: 747 Message: 747

Just noticed that NAA are doing some kind of transmitter test right now.
Instead of the usual steady warble of BPSK, they're sending
a nearly-pure tone.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

748. RE: [Super_SID] NAA doing a transmitter test right now

Yahoo group: Super_SID
Date: 2011-11-29 00:51:03 UTC
From: Dave Benham
Topic: 747 Message: 748

They do this periodically. It looks quite different on Spec Lab.

Dave Benham
McMath-Hulbert Solar Observatory
Lake Angelus, MI
www.mcmathhulbert.org <http://www.mcmathhulbert.org/>

_____

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Marcus D. Leech
Sent: Monday, November 28, 2011 6:48 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] NAA doing a transmitter test right now

Just noticed that NAA are doing some kind of transmitter test right now.
Instead of the usual steady warble of BPSK, they're sending
a nearly-pure tone.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

749. Re: [Super_SID] NAA doing a transmitter test right now

Yahoo group: Super_SID
Date: 2011-11-29 00:57:44 UTC
From: Marcus D. Leech
Topic: 747 Message: 749

On 11/28/2011 07:51 PM, Dave Benham wrote:
>
> They do this periodically.It looks quite different on Spec Lab.
>
> Dave Benham
>
> McMath-Hulbert Solar Observatory
>
> Lake Angelus, MI
>
> www.mcmathhulbert.org <http://www.mcmathhulbert.org/>
>
>

They just turned off, too. Which they do on Mondays, but usually during
the daylight hours.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

750. NAA

Yahoo group: Super_SID
Date: 2011-11-30 13:52:25 UTC
From: Marcus D. Leech
Topic: 624 Message: 750

How long has NAA been down? I noticed them doing what seemed like
transmitter tests on Monday evening. And I noticed they weren't
there last night, and not this morning, either.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

751. Skypipe software

Yahoo group: Super_SID
Date: 2011-12-01 11:39:46 UTC
From: BRUCE
Topic: 751 Message: 751

Has anyone used Skypipe software with SuperSid sofware?

Bruce

752. Re: [Super_SID] Skypipe software

Yahoo group: Super_SID
Date: 2011-12-01 16:10:03 UTC
From: WILLIAM & MELINDA LORD
Topic: 751 Message: 752

Jim Sky is looking at how to get SkyPipe to work with SuperSID. We have not heard what his progress is on this project.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: BRUCE <brucehegerberg@bellsouth.net>
To: Super_SID@yahoogroups.com
Sent: Thursday, December 1, 2011 5:39 AM
Subject: [Super_SID] Skypipe software

Has anyone used Skypipe software with SuperSid sofware?

Bruce

753. Re: [Super_SID] Skypipe software

Yahoo group: Super_SID
Date: 2011-12-02 05:32:47 UTC
From: DIVYADARSHAN PUROHIT
Topic: 751 Message: 753

Dear Bill & Melinda Lord,

This is very interesting & useful,if Jim Sky will get success & he will be,then we can run both the Radio Jove & SSID on the same software.
with best regards,
DDPurohit

On Thu, Dec 1, 2011 at 9:40 PM, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

> **
>
>
> Jim Sky is looking at how to get SkyPipe to work with SuperSID. We have
> not heard what his progress is on this project.
>
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnskynet.com/>
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
> ------------------------------
> *From:* BRUCE <brucehegerberg@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Thursday, December 1, 2011 5:39 AM
> *Subject:* [Super_SID] Skypipe software
>
>
> Has anyone used Skypipe software with SuperSid sofware?
>
> Bruce
>
>
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

754. Re: [Super_SID] Skypipe software

Yahoo group: Super_SID
Date: 2011-12-05 22:52:09 UTC
From: Jaap Akkerhuis
Topic: 751 Message: 754

On Dec 1, 2011, at 17:10, WILLIAM & MELINDA LORD wrote:

> Jim Sky is looking at how to get SkyPipe to work with SuperSID. We have not heard what his progress is on this project.

There is nothing in SuperSID which prevents this. It all depends on what
the low level software is able to do. Under a Unix like system like FreeBSD
I have been able to run the SuperSID together with another program accessing
the same sound card and both using the data collected by it. The driver
on this system does allow two different processes to access the same
hardware (and one can actually change this number). Whether one can do
this under windows systems, I wouldn't know.

jaap

755. Re: Skypipe software

Yahoo group: Super_SID
Date: 2011-12-05 23:16:16 UTC
From: matheus_ohe
Topic: 751 Message: 755

Hmmmmm..

I might be talking garbage, but:

A Ham friend told me some time ago to use Radio Skypipe II alongside Super SID. It never seemed to cause any problems, and was specially useful when setting up the antenna; since it still helps me identify local noise, I rarely ever close the software, though to be honest I don't know much about it and, having the unregistered version only, I can't perform most anything useful that's inside my very, very limited knowledge of the program.

In any case here's a casual screenshot of the computer running both together in Windows XP Pro: http://i39.tinypic.com/fviv5j.png

Still can't seem to get rid of that awful noise from my location, but I can't relocate either :\

756. Sad new about Dave Benham

Yahoo group: Super_SID
Date: 2011-12-10 21:08:07 UTC
From: Brian Chaffins
Topic: 756 Message: 756

It's with a heavy heart that I am passing on this information.

Dave Benham of McMath-Hulbert Solar Observatory, Lake Angelus MI passed last night of a heart attack.

I will pass on more information as I find out.

Brian Chaffins, KC8ZBC
McMath-Hilbert Solar Observatory

757. RE: [Super_SID] Sad new about Dave Benham

Yahoo group: Super_SID
Date: 2011-12-11 02:57:08 UTC
From: pikwah wong
Topic: 756 Message: 757

Hi,
I am sorry to hear about this. He helped and enlightened us a lot in the SuperSID project at our site. May he R.I.P.
Regards,Pik Wah and SuperSID Team in UKM, Malaysia
To: Super_SID@yahoogroups.com
From: brian@5thelement.com
Date: Sat, 10 Dec 2011 16:08:07 -0500
Subject: [Super_SID] Sad new about Dave Benham

It's with a heavy heart that I am passing on this information.

Dave Benham of McMath-Hulbert Solar Observatory, Lake Angelus MI passed last night of a heart attack.

I will pass on more information as I find out.

Brian Chaffins, KC8ZBC

McMath-Hilbert Solar Observatory

758. Re: [Super_SID] Sad new about Dave Benham

Yahoo group: Super_SID
Date: 2011-12-11 04:01:23 UTC
From: Marcus D. Leech
Topic: 756 Message: 758

On 12/10/2011 09:57 PM, pikwah wong wrote:
>
> Hi,
>
> I am sorry to hear about this. He helped and enlightened us a lot in
> the SuperSID project at our site. May he R.I.P.
>
> Regards,
> Pik Wah and SuperSID Team in UKM, Malaysia
>
I am saddened by this news. David and I had been interacting a fair
amount lately about SID data, and I was thinking that perhaps I would
visit him and the observatory in the coming months. This is
definitely a loss to our small community.

> ---
> To: Super_SID@yahoogroups.com
> From: brian@...
> Date: Sat, 10 Dec 2011 16:08:07 -0500
> Subject: [Super_SID] Sad new about Dave Benham
>
> It's with a heavy heart that I am passing on this information.
>
> Dave Benham of McMath-Hulbert Solar Observatory, Lake Angelus MI
> passed last night of a heart attack.
>
> I will pass on more information as I find out.
>
> Brian Chaffins, KC8ZBC
> McMath-Hilbert Solar Observatory
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

759. More info on Dave Benham

Yahoo group: Super_SID
Date: 2011-12-11 15:43:46 UTC
From: Brian Chaffins
Topic: 756 Message: 759

For those of you that knew Dave Benham of McMath-Hulbert Solar Observatory.
He passed this Friday of a heart attack.
He will be missed by many. He was very active in radio astronomy and I really enjoyed our times together at McMath-Hulbert.

He had become my Radio Astronomy mentor.

Sawyer Fuller Funeral Home
2125 12 Mile Road, Berkley, MI 48072

Viewing: Mon., Dec. 12, 3 – 9 pm
Service: Tue., Dec. 13, Start at 11am follows with lunch
Burial: Wed. – Private

Brian

760. Re:....Dave Benham

Yahoo group: Super_SID
Date: 2011-12-11 04:37:50 UTC
From: clinton.jeffrey@bigpond.com
Topic: 756 Message: 760

If I may...
Our condolences and sympathy's from the members of the Radio Astronomy Section - Leon Mow Radio Observatory and the Astronomical Society of Victoria.

I have only just recently obtained a SuperSID receiver and plan to install it as part of our suite of equipment at LMRO.

Again our sympathy to all who knew him and his family.

Clint Jeffrey
RAS Section Director.

761. Re: Sad new about Dave Benham

Yahoo group: Super_SID
Date: 2011-12-11 19:38:02 UTC
From: matheus_ohe
Topic: 756 Message: 761

I am sorry to hear of this... he seemed like a great guy and gave some really good advices on my SuperSID.

Our sympathies from the UEPG Astronomical Observatory at Brazil to all who knew Dave as well as to his whole family.

Sincerely,
Matheus Frare

--- In Super_SID@yahoogroups.com, Brian Chaffins <brian@...> wrote:
>
> It's with a heavy heart that I am passing on this information.
>
> Dave Benham of McMath-Hulbert Solar Observatory, Lake Angelus MI passed last night of a heart attack.
>
> I will pass on more information as I find out.
>
> Brian Chaffins, KC8ZBC
> McMath-Hilbert Solar Observatory
>

762. Re: [Super_SID] More info on Dave Benham

Yahoo group: Super_SID
Date: 2011-12-12 10:06:41 UTC
From: danny garvin
Topic: 756 Message: 762

I was very sad to here of Dave’s passing he seamed very passionate about mentoring others in radio astronomy. I had many correspondences with him via email and a few phone calls while he was helping me get my Super SID up and running and all the bugs worked out. I for one will miss him very much. My condolences to all of his friends and family.

Danny L.Garvin
WB9RIM

From: Brian Chaffins <brian@5thelement.com>
To: Super_SID@yahoogroups.com
Sent: Sunday, December 11, 2011 9:43 AM
Subject: [Super_SID] More info on Dave Benham

For those of you that knew Dave Benham of McMath-Hulbert Solar Observatory.
He passed this Friday of a heart attack.
He will be missed by many. He was very active in radio astronomy and I really enjoyed our times together at McMath-Hulbert.

He had become my Radio Astronomy mentor.

Sawyer Fuller Funeral Home
2125 12 Mile Road, Berkley, MI 48072

Viewing: Mon., Dec. 12, 3 – 9 pm
Service: Tue., Dec. 13, Start at 11am follows with lunch
Burial: Wed. – Private

Brian

Yahoo! Groups Links

    http://docs.yahoo.com/info/terms/

763. Re: [Super_SID] Sad new about Dave Benham

Yahoo group: Super_SID
Date: 2011-12-12 23:44:29 UTC
From: Deborah Scherrer
Topic: 756 Message: 763

I was devastated to hear about Dave Benham's death.
Dave had been a passionate and tireless mentor for
our SuperSID sites. No problem was too difficult
for him to take on, and he never turned anyone down
who needed help. He was proactive in the SID noise
committee and the source committee, and always had
suggestions when issues came up. The Stanford
team sends our deepest sympathies to his family
and friends. He will be very much missed.

Deborah Scherrer
Stanford Solar Center

On 12/10/2011 1:08 PM, Brian Chaffins wrote:

It's with a heavy heart that I am passing on this information.

Dave Benham of McMath-Hulbert Solar Observatory, Lake Angelus MI passed last night of a heart attack.

I will pass on more information as I find out.

Brian Chaffins, KC8ZBC
McMath-Hilbert Solar Observatory

764. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2011-12-14 00:47:21 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 764

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /UKM2 PLOT.pdf
Uploaded by : pikwah_w <pikwah_wong@...>
Description : UKM2 daynight plot

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/UKM2%20PLOT.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

pikwah_w <pikwah_wong@...>

765. Re: Need help on Data Validation

Yahoo group: Super_SID
Date: 2011-12-14 00:57:40 UTC
From: pikwah_w
Topic: 744 Message: 765

Hi all.
Greetings from Malaysia.
We have problem getting sunset sunrise pattern for the monitor that we setup last month. So, we try to change the location and set up another monitor station, attached is the data plot <http://groups.yahoo.com/group/Super_SID/files/UKM2%20PLOT.pdf> for the new station, which I named as UKM2 . From the spectrum <http://groups.yahoo.com/group/Super_SID/photos/album/1406042984/pic/213\6645367/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc> , we are getting a steady peak at 19.758kHz. From the day plot from 9 to 11 Dec, I think we are getting the sunset sunrise pattern for the stations NWC (19800Hz), UGE (19700Hz) and UGE2 (which I am monitoring at the frequency 19758Hz). For JJI which transmits at 22.2 kHz, we are getting some pattern, but I think it is not that visible at the local sunset time. Thus, I think it will be appropriate for us to continue monitor the stations NWC and UGE.
Hope to get your enlightenment here to verify my thought that we are already getting the sunset-sunrise pattern and are on the right track.
Your comment is very much appreciated.
Thank you!
Best Regards,Pik Wah
--- In Super_SID@...m, "pikwah88" <pikwah_wong@...> wrote:
>
> Hi all. Greetings from Malaysia.
> I am Pik Wah, an engineering undergraduate student from Universiti
> Kebangsaan Malaysia currently working on the SuperSID as part of my
> final year project. On behalf of the members who involve in the SuperSID
> project in my university, I hope to get some enlightenment from you on
> the problem that we encounter in the course of data validation.
> The SuperSID monitor has been set up in our faculty. System test has
> been carried out to determine the internal soundcard noise and the
> preamplifier noise. For internal soundcard noise, peaks at specified
> frequency generated by the signal generator are detectable and the noise
> floor is around 25dB. For preamp noise check, the generated peaks could
> be detected but both signal and noise from environment have been
> amplified, the S/N is not that high. However, we have identified some
> peaks due to noise in environment, i.e. 27.7k, 46.9k, 32.6k, 23.9k,
> 24.9k, 26.2k, 28.8k, 30.4k, 32.5k and 33.2k.
> This is the spectrum
> <http://i1182.photobucket.com/albums/x460/pikwah/Spectrum.jpg> that

we
> get when preamp is connected to antenna and line in of the sound card.
> Thus, we have selected some stations to be monitored i.e. 3SA (20.6k),
> 3SB (10.6k), HWV (21.75k), NPM (21.4k), JJI (22.2k), GQD (22.1k), UGKZ
> (30.3k), TBB (26.7k), NRK (37.5k), TFK (37.5k) and FTA (16.8k).
>
>
>
> From the result monitored from 14 ☐ 19 Oct 2011, we found that for
> most stations did not exhibit the day night pattern
> <http://i1182.photobucket.com/albums/x460/pikwah/3SA_FTA_15OCT-1.jpg>
.
> Two of the stations that we think we get an `approximate' sunset
> sunrise pattern are that of TFK/NRK on 15 Oct 2011
> <http://i1182.photobucket.com/albums/x460/pikwah/TFK_15OCT2011.jpg> ,
> which is Saturday and there is nobody here.
>
>
>
> Checking with GOES SID Data, we suspect that our SID monitor actually
> detected some peaks of SID, especially those of C1.1 and C2.3 on 15
Oct
> 2011 (highlighted). However, we are wondering why the signal during
> nighttime is fluctuating up and down.
>
> Unfortunately, for other days, we did not see the approximate
day-night
> pattern for the TFK station. Thus, this inconsistent result makes me
> wonder whether the 'detection of solar flares' as described above is
> just a coincidence.
>
> Besides, we understand from the manual that the spectrum is plot in
UTC
> time and we need to compute our own local time in the analysis. Our
> question is whether the timezone offset in the configuration file is
> used to determine the sunrise and sunset time of our station when the
> data is uploaded to the Stanford SID database?
>
> Your feedback and comment is very much appreciated. Thank you.
>

766. To all of Dave friends and family

Yahoo group: Super_SID
Date: 2011-12-15 08:24:20 UTC
From: 刘振中
Topic: 766 Message: 766

I open the mail know that Dave Benham's death.
Dave had been a passionate and tireless mentor.
He a great scholar, and gave some really good advices on my SuperSID.
I for one will miss him very much. My condolences to all of his friends and family.

Sincerely,
Guangzhou zhenzhong Liu

767. Someone get out the stellar defibrillator :-)

Yahoo group: Super_SID
Date: 2011-12-17 16:39:33 UTC
From: Marcus D. Leech
Topic: 767 Message: 767

Just looked at the GOES X-RAY data for the last couple of days.
Completely flat. How dull :-)

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

768. Re: Someone get out the stellar defibrillator :-)

Yahoo group: Super_SID
Date: 2011-12-22 08:29:25 UTC
From: abrandi2000
Topic: 767 Message: 768

Hello Marcus,

looks like someone heard you :) We got some C Flares and i see also aktivity on my SUN Radio spectrometer.

Happy Xmas,
Karl-Heinz

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> Just looked at the GOES X-RAY data for the last couple of days.
> Completely flat. How dull :-)
>
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

769. SAQ Transmissions

Yahoo group: Super_SID
Date: 2011-12-22 10:24:15 UTC
From: Ricardo
Topic: 769 Message: 769

http://www.alexander.n.se/

SAQ Transmissions

Transmission on Christmas Eve
The traditional Christmas transmission takes place on December 24th. A message will be sent at 08:00 UTC, and we start the transmitter about half an hour in advance for tuning. The frequency is 17.2 kHz CW.

QSL-reports are kindly received:

QSL reports can be given via:

- E-mail to: info@... <mailto:info@...>

- or fax to: +46-340-674195

- or via SM bureau

- or direct by mail to: Alexander - Grimeton Veteranradios
Vaenner, Radiostationen, Grimeton 72,
S-432 98 Grimeton, SWEDEN

770. New VLF Noise Reduction Group

Yahoo group: Super_SID
Date: 2012-01-13 01:35:22 UTC
From: AP_GUARDIAN
Topic: 770 Message: 770

Since David Benaham passed away last month, the VLF Noise Group is no longer usable since he was the only moderator. Yahoo will not assign or let us assign another person as moderator.

We have started a new group http://tech.groups.yahoo.com/group/VLF_Noise/ and have moved the files David created to this location.

We hope you will join the group and ask questions, offer advice and participate in finding ways to reduce noise interference on VLF observing.

771. loop antenna - cable length

Yahoo group: Super_SID
Date: 2012-02-05 03:31:56 UTC
From: ericgibert
Topic: 771 Message: 771

I purchased the electric cable to build my loop antenna: 2 x 100 meters. In the doc, it is inidcated a length of 120 m for 25 loops.
Newbie Q1: since I have 200 meters, is it "the more the better" and should use the 200 meters OR should I stick to 120m?
Newbie Q2: since I need to connect the first 100m to the next 20/100m, any advice? simply solder them together or use an electric connector will do?

Thank you

Eric

772. Re: [Super_SID] loop antenna - cable length

Yahoo group: Super_SID
Date: 2012-02-05 16:30:21 UTC
From: WILLIAM & MELINDA LORD
Topic: 771 Message: 772

25 loops around the frame is a good number. On a one meter square antenna that takes about 122 meter (400 ft.) If you have to join two pieces of wire, solder the wire and then be sure to wrap the joint with electrical tape.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: ericgibert <ericgibert@...>
To: Super_SID@yahoogroups.com
Sent: Saturday, February 4, 2012 9:31 PM
Subject: [Super_SID] loop antenna - cable length

I purchased the electric cable to build my loop antenna: 2 x 100 meters. In the doc, it is inidcated a length of 120 m for 25 loops.
Newbie Q1: since I have 200 meters, is it "the more the better" and should use the 200 meters OR should I stick to 120m?
Newbie Q2: since I need to connect the first 100m to the next 20/100m, any advice? simply solder them together or use an electric connector will do?

Thank you

Eric

773. Re: loop antenna - cable length

Yahoo group: Super_SID
Date: 2012-02-11 09:59:28 UTC
From: ericgibert
Topic: 771 Message: 773

Thank you for your reply. The antenna is done, I just need to complete the coaxial cable link over this week-end and we shall be ready :-)

774. 20KHz Signal

Yahoo group: Super_SID
Date: 2012-02-14 00:39:13 UTC
From: Dale
Topic: 774 Message: 774

Has anyone else seen the strong signal on 20KHz and know where it originates from?

775. VLF filter

Yahoo group: Super_SID
Date: 2012-02-14 22:37:04 UTC
From: JohnC
Topic: 775 Message: 775

Does anyone have a design for a antenna filter that passes only
a frequency range of 20 to 40?

776. Re: [Super_SID] VLF filter

Yahoo group: Super_SID
Date: 2012-02-15 02:24:50 UTC
From: garyr
Topic: 775 Message: 776

I build a preamp with bandpass filter consisting of a 4-order15 KHz highpass and a 4-order 30 KHz lowpass. The component values could be changed to provide 20 - 40 KHz response. Contact me directly and I'll send you a schematic.

----- Original Message -----
From: "JohnC" <johncowlbeck@...>
To: <Super_SID@yahoogroups.com>
Sent: Tuesday, February 14, 2012 2:37 PM
Subject: [Super_SID] VLF filter

> Does anyone have a design for a antenna filter that passes only
> a frequency range of 20 to 40?

777. Re: [Super_SID] VLF filter

Yahoo group: Super_SID
Date: 2012-02-15 03:27:54 UTC
From: Marcus D. Leech
Topic: 775 Message: 777

On 02/14/2012 09:24 PM, garyr wrote:
>
> I build a preamp with bandpass filter consisting of a 4-order15 KHz
> highpass and a 4-order 30 KHz lowpass. The component values could be
> changed
> to provide 20 - 40 KHz response. Contact me directly and I'll send you a
> schematic.
>
Not entirely sure why you'd need anything other than the anti-aliasing
filters that sound cards already have in them. Sound cards have
so much dynamic range in their ADCs that out-of-band "stuff" should
not really affect you at all.

> .
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

778. Need help translating to Spanish

Yahoo group: Super_SID
Date: 2012-02-23 01:04:39 UTC
From: AP_GUARDIAN
Topic: 778 Message: 778

Hi Folks,
If there is anyone in the group that can help with translating requests in Spanish for help on the SuperSID?

779. Re: Need help translating to Spanish

Yahoo group: Super_SID
Date: 2012-02-23 03:01:48 UTC
From: matheus_ohe
Topic: 778 Message: 779

Hi, I think I could probably help. It's to translate some spanish request into english? I'm brazilian and speak portuguese but that's pretty similar to spanish and I have some experience with it...

If you want, mail whatever it is to me at matheusfrare@..., or post it here, whatever you prefer. I'll make sure to reply asap.

--- In Super_SID@yahoogroups.com, "AP_GUARDIAN" <ap_guardian@...> wrote:
>
> Hi Folks,
> If there is anyone in the group that can help with translating requests in Spanish for help on the SuperSID?
>

780. SARA Western Regional Conference to be Held at Stanford University, California,

Yahoo group: Super_SID
Date: 2012-02-23 16:21:40 UTC
From: AP_GUARDIAN
Topic: 780 Message: 780

Location: The SARA Western Regional Conference will be held at Stanford University, Stanford, California (adjacent to Palo Alto) on Saturday and Sunday March 24 and 25, 2012. Deborah Scherrer of the Stanford Solar Center has offered to be our host for this event since SARA and Stanford are collaborating on the SuperSID project. We will have presentations by SARA members through Sunday noon. After lunch Sunday we will have a tour of Stanford University's 300,000 lb, 150 ft diameter dish antenna on the hill above the university (the huge Stanford University Radio Science Field site).

Coordination: Whit Reeve is coordinating the conference and is seeking volunteers in the local area to provide assistance. He can be reached by e-mail at westernconfere...@....

Presentations: Papers on radio astronomy hardware, software, education, research strategies, philosophy, observing efforts and methods are welcome. Deadlines for submitting a letter of intent, including a proposed title and informal abstract or outline is 1 March 2012.

We have the following presentations planned; Long Wavelength Astronomy; A Collaboration Proposal for the amateur Radio Astronomy Community with Ramon D. Fobes; UHF Channel 37 (608 -614 MHz) Total Power Radio Telescope by Curt Kinghorn, W6OEA; e-CALLISTO Solar Spectrometer Network & CALLSTO Receiver, Whitham D. Reeve, Anchorage, Alaska and Studying the Sun with the Solar Dynamics Observatory, Monica Bobra, Stanford University, Stanford, California.

Proceedings: Formal proceedings will not be published for this conference due to the short lead time. If presenters want to submit a paper or a copy of their presentation, we can make them available to attendees on a CD.

Dinner Reservations: We will make a group dinner reservation at MacArthurs Park in Palo Alto for Saturday night. Please let us know before 11 March if you plan to attend this dinner so we can include you in the reservations. Send an email to: westernconference@radio- astronomy.org.

Registration: Registration for the 2012 Western Conference is just US $50.00. This includes breakfast and lunch on Saturday and Sunday. Payment can be made by going to www.paypal.com and sending payment to
treasu...@radio-astronomy.org. Please include in comments that the payment is for the Western Regional Conference. You also can mail a check to SARA, 2189 Redwood Ave, Washington, IA 52353 USA. Please include an e-mail address so a confirmation can be sent to you upon receipt of payment.

Address: The exact address of the conference is: Physics and Astro Physics Building, Room 102/103, 452 Lomita Mall, Stanford University, Stanford, CA 94305-4085 (same location as 2009 Western Regional Conference)

Parking: Parking near the conference room: Parking structure at the corner of Panama and Via Ortega. For additional information: http://transportation.stanford.edu/parking_info/ParkingInformation.shtml

Lodging: We have compiled a list of hotels/motels near the university but have not arranged any group discounts. If you would like to receive a copy of this list, send an email to westernconference@radio-astronomy.org. A reply email will be sent to you with the list as an attachment. We also understand there is limited on-campus housing available but, so far, have not been able to obtain any details. We will post additional information as it comes available.

See you there !

781. Call for Radio Astronomy Observations

Yahoo group: Super_SID
Date: 2012-02-24 20:14:56 UTC
From: Whitham Reeve
Topic: 781 Message: 781

Hello fellow observers -

I am writing to request observations from those of you who are SARA members so we can publish them in the next issue of the SARA journal, Radio Astronomy.
We recently started a new section in the journal that features observations by SARA members. This is a regular section of the journal and we hope you can keep us well supplied.

We are asking for observations of any other celestial object at any wavelength, any frequency.

We would like to publish strip charts, spectrograms, magnetograms, meteor scatter records, space radar records, measurements and photographs, and anything else that qualifies as an observation.

Please include a very brief summary with your submitted observation - one or two sentences of who, what, when, where and how - who made the observation, what was observed, when it was observed, where it was observed and how it was observed including equipment and software used in the observation.

Please send no later than 11 March to: observations@...
Thank you, and Happy Listening, and Watching!

Whit

Whitham D. Reeve
Contributing Editor, Radio Astronomy
Anchorage, Alaska USA
---

782. Re: [Super_SID] SARA Western Regional Conference to be Held at Stanford University, California,

Yahoo group: Super_SID
Date: 2012-02-24 16:00:07 UTC
From: DIVYADARSHAN PUROHIT
Topic: 780 Message: 782

Dear Lord & friends at SARA,

Congratulation & best wishes for the event.I am sure that your collective powerful effort will open the new door of radio astronomy.
best regards,
DDPurohit

On Thu, Feb 23, 2012 at 9:51 PM, AP_GUARDIAN <ap_guardian@...> wrote:

> **
>
>
> Location: The SARA Western Regional Conference will be held at Stanford
> University, Stanford, California (adjacent to Palo Alto) on Saturday and
> Sunday March 24 and 25, 2012. Deborah Scherrer of the Stanford Solar Center
> has offered to be our host for this event since SARA and Stanford are
> collaborating on the SuperSID project. We will have presentations by SARA
> members through Sunday noon. After lunch Sunday we will have a tour of
> Stanford University's 300,000 lb, 150 ft diameter dish antenna on the hill
> above the university (the huge Stanford University Radio Science Field
> site).
>
> Coordination: Whit Reeve is coordinating the conference and is seeking
> volunteers in the local area to provide assistance. He can be reached by
> e-mail at westernconfere...@....
>
> Presentations: Papers on radio astronomy hardware, software, education,
> research strategies, philosophy, observing efforts and methods are welcome.
> Deadlines for submitting a letter of intent, including a proposed title and
> informal abstract or outline is 1 March 2012.
>
> We have the following presentations planned; Long Wavelength Astronomy; A
> Collaboration Proposal for the amateur Radio Astronomy Community with Ramon
> D. Fobes; UHF Channel 37 (608 -614 MHz) Total Power Radio Telescope by Curt
> Kinghorn, W6OEA; e-CALLISTO Solar Spectrometer Network & CALLSTO Receiver,
> Whitham D. Reeve, Anchorage, Alaska and Studying the Sun with the Solar
> Dynamics Observatory, Monica Bobra, Stanford University, Stanford,
> California.
>
> Proceedings: Formal proceedings will not be published for this conference
> due to the short lead time. If presenters want to submit a paper or a copy
> of their presentation, we can make them available to attendees on a CD.
>
> Dinner Reservations: We will make a group dinner reservation at MacArthurs

> Park in Palo Alto for Saturday night. Please let us know before 11 March if
> you plan to attend this dinner so we can include you in the reservations.
> Send an email to: westernconference@radio- astronomy.org.
>
> Registration: Registration for the 2012 Western Conference is just US
> $50.00. This includes breakfast and lunch on Saturday and Sunday. Payment
> can be made by going to www.paypal.com and sending payment to
> treasu...@.... Please include in comments that the
> payment is for the Western Regional Conference. You also can mail a check
> to SARA, 2189 Redwood Ave, Washington, IA 52353 USA. Please include an
> e-mail address so a confirmation can be sent to you upon receipt of
> payment.
>
> Address: The exact address of the conference is: Physics and Astro Physics
> Building, Room 102/103, 452 Lomita Mall, Stanford University, Stanford, CA
> 94305-4085 (same location as 2009 Western Regional Conference)
>
> Parking: Parking near the conference room: Parking structure at the corner
> of Panama and Via Ortega. For additional information:
> http://transportation.stanford.edu/parking_info/ParkingInformation.shtml
>
> Lodging: We have compiled a list of hotels/motels near the university but
> have not arranged any group discounts. If you would like to receive a copy
> of this list, send an email to westernconference@.... A
> reply email will be sent to you with the list as an attachment. We also
> understand there is limited on-campus housing available but, so far, have
> not been able to obtain any details. We will post additional information as
> it comes available.
>
> See you there !
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

783. Data

Yahoo group: Super_SID
Date: 2012-03-03 16:20:01 UTC
From: wb9rim
Topic: 634 Message: 783

Is there a problem with the data servers there is no data for the last 2 days?

784. Re: [Super_SID] Data

Yahoo group: Super_SID
Date: 2012-03-03 16:39:42 UTC
From: Deborah Scherrer
Topic: 634 Message: 784

The data has been ingested but is not showing up. Will check
into it. Thanks for letting us know!

Deborah

On 3/3/2012 8:20 AM, wb9rim wrote:
> Is there a problem with the data servers there is no data for the last 2
> days?
>
>

785. Re: [Super_SID] Data

Yahoo group: Super_SID
Date: 2012-03-06 02:52:16 UTC
From: Deborah Scherrer
Topic: 634 Message: 785

SID data have been restored.

Debbie

On 3/3/2012 8:20 AM, wb9rim wrote:
> Is there a problem with the data servers there is no data for the last 2
> days?
>
>

786. Re: [Super_SID] Data

Yahoo group: Super_SID
Date: 2012-03-06 06:29:12 UTC
From: danny garvin
Topic: 634 Message: 786

Thanks for all your hard work Deborah. Exciting solar activity in the last few days.

From: Deborah Scherrer <dscherrer@...>
To: wb9rim <grailknight_2@...>
Cc: Super_SID@yahoogroups.com
Sent: Monday, March 5, 2012 8:52 PM
Subject: Re: [Super_SID] Data

SID data have been restored.

Debbie

On 3/3/2012 8:20 AM, wb9rim wrote:
> Is there a problem with the data servers there is no data for the last 2
> days?
>
>

Yahoo! Groups Links

    http://docs.yahoo.com/info/terms/

787. X5.4 in progress right now

Yahoo group: Super_SID
Date: 2012-03-07 00:29:10 UTC
From: Marcus D. Leech
Topic: 787 Message: 787

There's an X5.4 class flare in progress right now. Too bad the Sun is
below my horizon at the moment!

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

788. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2012-03-07 06:48:23 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 788

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /MPO/SSID MAR 7 0000.bmp
Uploaded by : jtegerdine <jtegerdine@...>
Description : Preliminary plot of Mar. 7, 2012 00:00-0600, showing (possibly) X-5 flare at around 00:30

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/MPO/SSID%20MAR%207%200000.bmp

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

789. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2012-03-07 06:50:56 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 789

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /MPO/SSID MAR 7 0000.bmp
Uploaded by : jtegerdine <jtegerdine@...>
Description : Preliminary plot of Mar. 7, 2012 00:00-0600, showing (possibly) X-5 flare at around 00:30

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/MPO/SSID%20MAR%207%200000.bmp

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

790. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2012-03-13 19:16:25 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 790

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /MPO/M-CLASS FLARE MAR 13.bmp
Uploaded by : jtegerdine <jtegerdine@...>
Description : Preliminary plot of Mar. 13 M7.9 flare

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/MPO/M-CLASS%20FLARE%20MAR%2013.bmp

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

791. Newbie questions

Yahoo group: Super_SID
Date: 2012-03-20 13:56:34 UTC
From: Stargazer
Topic: 791 Message: 791

Hi, Group, my name is John O'Neal and I am a relative newcomer to the group. I have been uploading files under the name BRASSO for a couple of months now. My charts show a pretty good daytime curve and wild swings at night like I think they are supposed to, so I'm happy with that. For the most part, when a red event is listed on the chart I can see it reflected in my data, so I'm happy there as well.

My first question is why my station doesn't show up on the map, since I have included lat & long info in my config file?

My second question is:
Two days ago i configured my antenna to pick up more stations. I was just plotting NAA, NLK and NML. I added these stations (NAU and NPM)to my config file and they are now being plotted but the additional charts are not getting uploaded. Do I need to do something else to make the charts upload?

Thanks in advance for any help with these newb questions...

Astronomically, John

792. Re: [Super_SID] Newbie questions

Yahoo group: Super_SID
Date: 2012-03-20 18:36:20 UTC
From: WILLIAM & MELINDA LORD
Topic: 791 Message: 792

For your second question- Have you re-started SuperSID since you changed the config file? When you make changes to the config file, in order for them to take effect, it usually requires shutting down SuperSID and restarting the program.

First question- The folks at Stanford update the Google map of locations as they have time and manpower.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Stargazer <kohamher1@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, March 20, 2012 8:56 AM
Subject: [Super_SID] Newbie questions

Hi, Group, my name is John O'Neal and I am a relative newcomer to the group. I have been uploading files under the name BRASSO for a couple of months now. My charts show a pretty good daytime curve and wild swings at night like I think they are supposed to, so I'm happy with that. For the most part, when a red event is listed on the chart I can see it reflected in my data, so I'm happy there as well.

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Thanks in advance for any help with these newb questions...

Astronomically, John

793. Re: [Super_SID] Newbie questions

Yahoo group: Super_SID
Date: 2012-03-20 20:01:14 UTC
From: John ONeal
Topic: 791 Message: 793

Hi, Bill & Melinda, and thanks for such a prompt reply. I understand about the time restraints at Stanford. Guess I'll just be patient and eventually I'll get added to the map.

As for the restart, I THINK I restarted. I'll do another restart to see if that works.

Astronomically, john

--- On Tue, 3/20/12, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

From: WILLIAM & MELINDA LORD <ap_guardian@...>
Subject: Re: [Super_SID] Newbie questions
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Date: Tuesday, March 20, 2012, 2:36 PM

For your second question- Have you re-started SuperSID since you changed the config file? When you make changes to the config file, in order for them to take effect, it usually requires shutting down SuperSID and restarting the program.
First question- The folks at Stanford update the Google map of locations as they have time and manpower.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: Stargazer <kohamher1@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, March 20, 2012 8:56 AM
Subject: [Super_SID] Newbie questions

Hi, Group, my name is John O'Neal and I am a relative newcomer to the group. I have been uploading files under the name BRASSO for a couple of months now. My charts show a pretty good daytime curve and wild swings at night like I think they are supposed to, so I'm happy with that. For the most part, when a red event is listed on the chart I can see it reflected in my data, so I'm happy there as well.

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Thanks in advance for any help with these newb questions...

Astronomically, John

794. Re: [Super_SID] Newbie questions

Yahoo group: Super_SID
Date: 2012-03-22 01:16:30 UTC
From: Deborah Scherrer
Topic: 791 Message: 794

Hi John,

I just updated the database to reflect all 5 transmitters your SuperSID is monitoring.
Yep, this currently has to be done by hand cause I don't have time to
rewrite the code. ah sigh...

As for the map, that is also done by hand. I'll try to get
that updated as well.

Sorry for the delays. Almost all the SID stuff is now done by volunteers
in their "copious free time", which essentially doesn't exist. ;-)

Deborah Scherrer
Stanford Solar Center

On 3/20/2012 11:36 AM, WILLIAM & MELINDA LORD wrote:

For your second question- Have you re-started SuperSID since you changed the config file? When you make changes to the config file, in order for them to take effect, it usually requires shutting down SuperSID and restarting the program.

First question- The folks at Stanford update the Google map of locations as they have time and manpower.

Bill & Melinda Lord
www.tnSkyNet.com (http://www.tnSkyNet.com)
www.radio-astronomy.org (http://www.radio-astronomy.org)

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From: Stargazer
To: Super_SID@yahoogroups.com
Sent: Tuesday, March 20, 2012 8:56 AM
Subject: [Super_SID] Newbie questions

Hi, Group, my name is John O'Neal and I am a relative newcomer to the group. I have been uploading files under the name BRASSO for a couple of months now. My charts show a pretty good daytime curve and wild swings at night like I think they are supposed to, so I'm happy with that. For the most part, when a red event is listed on the chart I can see it reflected in my data, so I'm happy there as well.

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My second question is:
Two days ago i configured my antenna to pick up more stations. I was just plotting NAA, NLK and NML. I added these stations (NAU and NPM)to my config file and they are now being

plotted but the additional charts are not getting uploaded. Do I need to do something else to make the charts upload?

Thanks in advance for any help with these newb questions...

Astronomically, John

795. Re: Newbie questions

Yahoo group: Super_SID
Date: 2012-03-22 01:35:16 UTC
From: Stargazer
Topic: 791 Message: 795

Hi, Deborah, as a long time "volunteer" I understand only too well. So, please accept my thanks for taking time from your busy schedule to answer my query and for updating my charts. And for getting to the maps whenever you can...

Astronomically, John

796. Re: [Super_SID] Re: Newbie questions

Yahoo group: Super_SID
Date: 2012-03-22 01:37:29 UTC
From: Deborah Scherrer
Topic: 791 Message: 796

You're welcome John. Thanks for the patience!

Deborah

On 3/21/2012 6:35 PM, Stargazer wrote:

Hi, Deborah, as a long time "volunteer" I understand only too well. So, please accept my thanks for taking time from your busy schedule to answer my query and for updating my charts. And for getting to the maps whenever you can...

Astronomically, John

797. surprising NWC recording

Yahoo group: Super_SID
Date: 2012-03-23 14:46:52 UTC
From: ericgibert
Topic: 797 Message: 797

Hello,

I just checked my record of NWC signal from here, Singapore (GMT+8).

Three pronounced "inverted peaks" between 6:30 and 7:00 UTC... maybe too pronounced! I wonder what could have caused them.

Do you have any suggestions?

PS: only recording since beginning of March, so I am still in the discovery phase.

Eric

798. Re: [Super_SID] surprising NWC recording

Yahoo group: Super_SID
Date: 2012-03-23 14:54:16 UTC
From: mleech@ripnet.com
Topic: 797 Message: 798
Attachments: 1 described; binary payloads are missing from this source WARC

On Fri, 23 Mar 2012 14:46:52 -0000, ericgibert wrote:

> Hello,
>

> I just checked my record of NWC signal from here, Singapore
(GMT+8).
>
> Three pronounced "inverted peaks" between 6:30 and 7:00
UTC... maybe too pronounced! I wonder what could have caused them.
>
>
Do you have any suggestions?
>
> PS: only recording since beginning of
March, so I am still in the discovery phase.
>
> Eric
>
>

The transmitters sometimes go
offline briefly, which usually explains these rapid drop-outs. But X-Ray
flares can cause either an enhancement or an absorption, depending on
the various geometries/energies involved.

NAA went offline for about a
minute last night. I assume due to a lightning hit at the transmitter
site. There was a bit of a storm system on the northeast coast of North
America last night.

-Marcus

Links:
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[1]
mailto:ericgibert@...?subject=Re%3A%20surprising%20NWC%20recording
[2]
mailto:Super_SID@yahoogroups.com?subject=Re%3A%20surprising%20NWC%20recording
[3]
http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJwN2UzYzM2BF9TAzk3MzU5NzE0BGdycElk
AzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM3OTcEc2VjA2Z0cgRzbGsDcnBseQRzdGltZQMxMzMyNT
E0MDE2?act=reply|+|amp|+|messageNum=797
[4]
http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJmbnFyaDU3BF9TAzk3MzU5NzE0BGdycElk

AzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzMzI1MTQwMTY-
[5]
http://groups.yahoo.com/group/Super_SID/message/797;_ylc=X3oDMTMza3VwZ3QzBF9TAzk3MzU5NzE0B
GdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM3OTcEc2VjA2Z0cgRzbGsDdnRwYwRzdGltZQM
xMzMyNTE0MDE2BHRwY0lkAzc5Nw--
[6]
http://groups.yahoo.com/group/Super_SID/members;_ylc=X3oDMTJnbjdwZDBpBF9TAzk3MzU5NzE0BGdyc
ElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMzMyNTE0MDE2?o=
6
[7]
http://groups.yahoo.com/group/Super_SID;_ylc=X3oDMTJmaXRxcmV1BF9TAzk3MzU5NzE0BGdycElkAzM2M
jgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzMzI1MTQwMTY-
[8]
http://groups.yahoo.com/;_ylc=X3oDMTJlZGlwbmlpBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNw
SWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTMzMjUxNDAxNg--
[9]
mailto:Super_SID-traditional@yahoogroups.com?subject=Change Delivery
Format: Traditional
[10]
mailto:Super_SID-digest@yahoogroups.com?subject=Email Delivery:
Digest
[11]
mailto:Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe
[12]
http://docs.yahoo.com/info/terms/

799. RE: [Super_SID] surprising NWC recording

Yahoo group: Super_SID
Date: 2012-03-24 10:38:14 UTC
From: Eric Gibert
Topic: 797 Message: 799

Thank you Marcus. That must be it. I have also noticed twice that NWC is down for maintenance on Mondays. I do not know if it is a coincidence or if it is an official weekly maintenance.

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of mleech@...
Sent: Friday, March 23, 2012 10:54 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] surprising NWC recording

On Fri, 23 Mar 2012 14:46:52 -0000, ericgibert wrote:

Hello,

I just checked my record of NWC signal from here, Singapore (GMT+8).

Three pronounced "inverted peaks" between 6:30 and 7:00 UTC... maybe too pronounced! I wonder what could have caused them.

Do you have any suggestions?

PS: only recording since beginning of March, so I am still in the discovery phase.

Eric

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NAA went offline for about a minute last night. I assume due to a lightning hit at the transmitter site. There was a bit of a storm system on the northeast coast of North America last night.

-Marcus

800. Re: surprising NWC recording

Yahoo group: Super_SID
Date: 2012-03-24 11:25:18 UTC
From: ericgibert
Topic: 797 Message: 800

I recorded the same drop this evening at 5pm (local SGT) but this time I noticed that this was at the same time that our sky got covered by big black clouds. Even so it finally did not rain on us, it really looked that we were good for a tropical heavy rain.
Can this tropical storm be the cause of the drop in signal strength recorded?

801. Recoring of NWC in SG on 27 Mar 2012

Yahoo group: Super_SID
Date: 2012-03-28 02:04:14 UTC
From: ericgibert
Topic: 801 Message: 801

Hello,

I have posted in the file area yesterday's recording, which shows the same quick drop and slow recovery as the one I had on the 8th of March. Could it be a SID?

[Drop between 2:20-2:50 UTC, slow recovery during the next 4 hours.
Image
<http://f1.grp.yahoofs.com/v1/kGJyT4HF9pY4xPpwKarVdTqBadMVAsOmSLIGilqfEY\
2fXFQz2bxpcj54p3wgRGoWs4yWQuETCF9J1ff8bIky3BaxJh9hgxc3Gg/2012-03-27%20Si\
ngapore.png> .]

Eric

802. Hello to all - New here!

Yahoo group: Super_SID
Date: 2012-04-06 16:03:53 UTC
From: Steph
Topic: 802 Message: 802

Hi to everyone. I have had a SuperSID monitor for a while now, but just had zero time to build an antenna and start monitoring.

Well, I finally built one and have just (last night) started up my SID monitor. Looking forward to doing this, and will probably have lots of questions!

Stephan Lalonde
Orleans, Ontario Canada

803. Re: [Super_SID] Hello to all - New here!

Yahoo group: Super_SID
Date: 2012-04-06 22:33:40 UTC
From: WILLIAM & MELINDA LORD
Topic: 802 Message: 803

Welcome to the group! We look forward to your observations.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Steph <stephanlalonde@...>
To: Super_SID@yahoogroups.com
Sent: Friday, April 6, 2012 11:03 AM
Subject: [Super_SID] Hello to all - New here!

Hi to everyone. I have had a SuperSID monitor for a while now, but just had zero time to build an antenna and start monitoring.

Well, I finally built one and have just (last night) started up my SID monitor. Looking forward to doing this, and will probably have lots of questions!

Stephan Lalonde
Orleans, Ontario Canada

804. My First question!

Yahoo group: Super_SID
Date: 2012-04-07 14:58:42 UTC
From: Steph
Topic: 804 Message: 804

Alright, I got a full day of capture and graphed it out. It is in the Photo Album called "StephanL".

Does this look right? I am in Orleans Ontario Canada (suburb of Ottawa). Eastern Daylight Time.

Stephan L.

805. Re: [Super_SID] My First question!

Yahoo group: Super_SID
Date: 2012-04-07 16:25:04 UTC
From: Marcus D. Leech
Topic: 804 Message: 805

Hey Stephan. I see that you're in Orkeans

I'm in Smiths Falls and also run the SBRAC project: http://www.sbrac.org

I've been doing VLF SID observations for quite some time and submit them to Stanford.

I'll have to look at your pics later when I'm at my computer

Cheers

--
Principal Investigator
Shirleys Bay Radio
Astronomy Consortium
http://www.sbrac.org

On Apr 7, 2012, at 10:58 AM, "Steph" <stephanlalonde@...> wrote:

> Alright, I got a full day of capture and graphed it out. It is in the Photo Album called "StephanL".
>
> Does this look right? I am in Orleans Ontario Canada (suburb of Ottawa). Eastern Daylight Time.
>
> Stephan L.
>
>

806. Re: Need help translating to Spanish

Yahoo group: Super_SID
Date: 2012-04-09 12:36:49 UTC
From: alejandro
Topic: 778 Message: 806

hi, im from Uruguay and if you want i can help with some translation

--- In Super_SID@yahoogroups.com, "AP_GUARDIAN" <ap_guardian@...> wrote:
>
> Hi Folks,
> If there is anyone in the group that can help with translating requests in Spanish for help on the SuperSID?
>

807. Re: [Super_SID] Re: Need help translating to Spanish

Yahoo group: Super_SID
Date: 2012-04-09 13:51:01 UTC
From: WILLIAM & MELINDA LORD
Topic: 778 Message: 807

Hi,
Thanks for the offer. We will add you to our list of mentors that can help with translations.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: alejandro <abn1983@...>
To: Super_SID@yahoogroups.com
Sent: Monday, April 9, 2012 7:36 AM
Subject: [Super_SID] Re: Need help translating to Spanish

hi, im from Uruguay and if you want i can help with some translation

--- In Super_SID@yahoogroups.com, "AP_GUARDIAN" <ap_guardian@...> wrote:
>
> Hi Folks,
> If there is anyone in the group that can help with translating requests in Spanish for help on the SuperSID?
>

808. Re: [Super_SID] Re: Need help translating to Spanish

Yahoo group: Super_SID
Date: 2012-04-09 15:43:56 UTC
From: Deborah Scherrer
Topic: 778 Message: 808

Didn't someone on the groups thing ask specifically about
doing a Spanish translation? If so, then this person is
probably responding to that specific request. Don't
remember who mentioned it tough.

Debbie

On 4/9/2012 6:51 AM, WILLIAM & MELINDA LORD wrote:
> Hi,
> Thanks for the offer. We will add you to our list of mentors that can
> help with translations.
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ---
> *From:* alejandro <abn1983@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Monday, April 9, 2012 7:36 AM
> *Subject:* [Super_SID] Re: Need help translating to Spanish
>
> hi, im from Uruguay and if you want i can help with some translation
>
> --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>,
> "AP_GUARDIAN" <ap_guardian@...> wrote:
> >
> > Hi Folks,
> > If there is anyone in the group that can help with translating
> requests in Spanish for help on the SuperSID?
> >
>
>
>
>

809. Re: Need help translating to Spanish

Yahoo group: Super_SID
Date: 2012-04-10 17:18:47 UTC
From: wd73383
Topic: 778 Message: 809

Hi Debbie - I am coordinating the Spanish translation of the SuperSID documents, but I believe Bill Lord placed the original post on this group.

I currently have two volunteers, one in Columbia and one in Mexico who have asked to work on this.

We do not have a specific time frame for completing the translation but hope to have it within the next 60~90 days.

Whit

--- In Super_SID@yahoogroups.com, Deborah Scherrer <dscherrer@...> wrote:
>
> Didn't someone on the groups thing ask specifically about
> doing a Spanish translation? If so, then this person is
> probably responding to that specific request. Don't
> remember who mentioned it tough.
>
> Debbie
>
> On 4/9/2012 6:51 AM, WILLIAM & MELINDA LORD wrote:
> > Hi,
> > Thanks for the offer. We will add you to our list of mentors that can
> > help with translations.
> > Bill & Melinda Lord
> > www.tnSkyNet.com
> > www.radio-astronomy.org
> >
> > Light travels faster than sound. This is why some people appear bright
> > until you hear them speak. :-)
> >
> > ---
> > *From:* alejandro <abn1983@...>
> > *To:* Super_SID@yahoogroups.com
> > *Sent:* Monday, April 9, 2012 7:36 AM
> > *Subject:* [Super_SID] Re: Need help translating to Spanish
> >
> > hi, im from Uruguay and if you want i can help with some translation
> >
> > --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>,
> > "AP_GUARDIAN" <ap_guardian@> wrote:
> > >
> > > Hi Folks,
> > > If there is anyone in the group that can help with translating
> > requests in Spanish for help on the SuperSID?
> > >

> >
> >
> >
> >
>

810. Re: [Super_SID] Re: Need help translating to Spanish

Yahoo group: Super_SID
Date: 2012-04-10 17:57:58 UTC
From: Deborah Scherrer
Topic: 778 Message: 810

Sounds great, Whit! Also, I have a colleague who was
teaching in China for a few years (Peking University)
and arranged the translation of the original SID manual
into Chinese. She's willing to gather a few students
and do the SuperSID manual in Chinese as well. Would
you like me to put you in touch with her?

Debbie

On 4/10/2012 10:18 AM, wd73383 wrote:
> Hi Debbie - I am coordinating the Spanish translation of the SuperSID
> documents, but I believe Bill Lord placed the original post on this group.
>
> I currently have two volunteers, one in Columbia and one in Mexico who
> have asked to work on this.
>
> We do not have a specific time frame for completing the translation but
> hope to have it within the next 60~90 days.
>
> Whit
>
> --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>,
> Deborah Scherrer <dscherrer@...> wrote:
> >
> > Didn't someone on the groups thing ask specifically about
> > doing a Spanish translation? If so, then this person is
> > probably responding to that specific request. Don't
> > remember who mentioned it tough.
> >
> > Debbie
> >
> > On 4/9/2012 6:51 AM, WILLIAM & MELINDA LORD wrote:
> > > Hi,
> > > Thanks for the offer. We will add you to our list of mentors that can
> > > help with translations.
> > > Bill & Melinda Lord
> > > www.tnSkyNet.com
> > > www.radio-astronomy.org
> > >
> > > Light travels faster than sound. This is why some people appear bright
> > > until you hear them speak. :-)
> > >
> > > --
> > > *From:* alejandro <abn1983@...>
> > > *To:* Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>

> > > *Sent:* Monday, April 9, 2012 7:36 AM
> > > *Subject:* [Super_SID] Re: Need help translating to Spanish
> > >
> > > hi, im from Uruguay and if you want i can help with some translation
> > >
> > > --- In Super_SID@yahoogroups.com
> <mailto:Super_SID%40yahoogroups.com> <mailto:Super_SID%40yahoogroups.com>,
> > > "AP_GUARDIAN" <ap_guardian@> wrote:
> > > >
> > > > Hi Folks,
> > > > If there is anyone in the group that can help with translating
> > > requests in Spanish for help on the SuperSID?
> > > >
> > >
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>

811. Anyone else notice that NAA has been silent for *days* ??

Yahoo group: Super_SID
Date: 2012-04-12 00:15:00 UTC
From: Marcus D. Leech
Topic: 811 Message: 811

Anyone?

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

812. Re: Anyone else notice that NAA has been silent for *days* ??

Yahoo group: Super_SID
Date: 2012-04-12 01:09:55 UTC
From: ahmed.phy10
Topic: 811 Message: 812

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> Anyone?
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

Hello Marcus, my name is Ahmed Ammar and I am a relative newcomer to the group ^_^
I got no signal from NAA since the beginning of this month :(

813. Fw: [Aavso-sid-list] NAA

Yahoo group: Super_SID
Date: 2012-04-12 13:43:51 UTC
From: WILLIAM & MELINDA LORD
Topic: 813 Message: 813

FYI

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

----- Forwarded Message -----
From: Alexander McWilliams <amcwill417@...>
To: fjwallace@...; aavso-sid-list@aavso.org
Sent: Wednesday, April 11, 2012 9:30 PM
Subject: Re: [Aavso-sid-list] NAA

Apparently NAA went down on April 2, 2012, at around 1200 UTC - probably for some sort of maintenance.

Al A-94

> Date: Wed, 11 Apr 2012 17:07:56 -0700
> From: fjwallace@...
> To: aavso-sid-list@aavso.org
> Subject: Re: [Aavso-sid-list] NAA
>
> Hi,
> I haven't detected anything from NAA in about a week - is the station down for
> repairs or is it my receiver? Thanks!
> Jon
> _____
> aavso-sid-list mailing list
> aavso-sid-list@...
> http://www.aavso.org/mailman/listinfo/aavso-sid-list

_____
aavso-sid-list mailing list
aavso-sid-list@...
http://www.aavso.org/mailman/listinfo/aavso-sid-list

814. RE: [Super_SID] Digest Number 299

Yahoo group: Super_SID
Date: 2012-04-12 15:42:03 UTC
From: Barbara & Fred
Topic: 814 Message: 814
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

815. Re: [Super_SID] Digest Number 299 [1 Attachment]

Yahoo group: Super_SID
Date: 2012-04-13 01:28:40 UTC
From: WILLIAM & MELINDA LORD
Topic: 814 Message: 815

Hi Fred,

One of the fellows on the AAVSO list sent this "Apparently NAA went down on April 2, 2012, at around 1200 UTC - probably for some sort of maintenance."

These stations are owned by the Navy and they do not publish when or how long a station will be down. We agree, the peaks you are showing are probably RF.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Barbara & Fred <fmkruger@...>
To: super_sid@yahoogroups.com
Sent: Thursday, April 12, 2012 10:42 AM
Subject: RE: [Super_SID] Digest Number 299 [1 Attachment]

[Attachment(s) from Barbara & Fred included below]
Marcus:

I live in Commack, Long Island (east of New York City). I use a 2 meter by 2 meter antenna with 58 turns (WKT).

Since April 3, I have received little or no signal from NAA. I recorded several major brief "drop-outs" in signal strength in the days before. Usually, the raw realtime data show a 20-30 dB above the noise peak for NAA. Right now, I see no peak at 24 KHz.

I've attached a screen capture of the received raw signal (approx 11AM EDST) so you get an idea of what I receive. Today the artifact spikes are high!

Fred, K2LDC
(I am a 'mentor' at the Commack High School)

On Thu, Apr 12, 2012 at 9:00 AM, Super_SID@yahoogroups.com wrote:

> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Anyone else notice that NAA has been silent for *days* ?? From:
> Marcus D. Leech
>

> Message
>
>
>
> _____
> 1. Anyone else notice that NAA has been silent for *days* ??
> Posted by: "Marcus D. Leech" mleech@... patchvonbraun
> Date: Wed Apr 11, 2012 5:15 pm ((PDT))
>
> Anyone?
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>
>
>
>
>
>
>
> Messages in this topic (1)
>
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>
>
> ---
> Yahoo! Groups Links
>
>
>
>
>
>
> ---

816. NAA is back

Yahoo group: Super_SID
Date: 2012-04-13 23:16:49 UTC
From: Marcus D. Leech
Topic: 816 Message: 816

Seems NAA is back on the air.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

817. Data

Yahoo group: Super_SID
Date: 2012-04-16 05:41:20 UTC
From: wb9rim
Topic: 634 Message: 817

I just checked and it looks like the data base at Stanford hasen't updated since the 11th.

Danny

818. Re: [Super_SID] Data

Yahoo group: Super_SID
Date: 2012-04-16 17:46:10 UTC
From: Deborah Scherrer
Topic: 634 Message: 818

Yes, we have a problem. The system is unable to accept
ftp'ed files. We're working on it....

Debbie

On 4/15/2012 10:41 PM, wb9rim wrote:
>
> I just checked and it looks like the data base at Stanford hasen't
> updated since the 11th.
>
> Danny
>
>

819. (no subject)

Yahoo group: Super_SID
Date: 2012-04-17 09:18:47 UTC
From: Liu zhenzhong
Topic: 819 Message: 819
Attachments: 1 described; binary payloads are missing from this source WARC

The data link have problem of the Stanford webs.

820. Re: [Super_SID] (unknown) [1 Attachment]

Yahoo group: Super_SID
Date: 2012-04-17 13:02:48 UTC
From: WILLIAM & MELINDA LORD
Topic: 819 Message: 820

Stanford data site is down. They are working to fix the problem.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Liu zhenzhong <gz510055@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Tuesday, April 17, 2012 4:18 AM
Subject: [Super_SID] (unknown) [1 Attachment]

[Attachment(s) from Liu zhenzhong included below]
The data link have problem of the Stanford webs.

821. Re: [Super_SID] (unknown) [1 Attachment]

Yahoo group: Super_SID
Date: 2012-04-17 15:19:44 UTC
From: Deborah Scherrer
Topic: 819 Message: 821

The problems have been resolved and the system appears
to be working. Please let me know if there is still
something wrong.

Thanks.
Deborah

On 4/17/2012 2:18 AM, Liu zhenzhong wrote:
> [Attachment(s) <#TopText> from Liu zhenzhong included below]
>
> The data link have problem of the Stanford webs.
>

822. Re: [Super_SID] (unknown)

Yahoo group: Super_SID
Date: 2012-04-17 15:28:15 UTC
From: mleech@ripnet.com
Topic: 819 Message: 822
Attachments: 1 described; binary payloads are missing from this source WARC

I uploaded my last three days of data last night--it all went just
fine.

-Marcus

On Tue, 17 Apr 2012 08:19:44 -0700, Deborah Scherrer
wrote:

> The problems have been resolved and the system appears
> to
be working. Please let me know if there is still
> something wrong.
>
>
Thanks.
> Deborah
>
> On 4/17/2012 2:18 AM, Liu zhenzhong wrote:
> >
[Attachment(s) from Liu zhenzhong included below]
> >
> > The data link
have problem of the Stanford webs.
> >
>

Links:
------
[1]
mailto:dscherrer@...?subject=Re%3A%20%5BSuper_SID%5D%20%28unknown%29%20%5B1%20Attachment%5
D
[2]
mailto:Super_SID@yahoogroups.com?subject=Re%3A%20%5BSuper_SID%5D%20%28unknown%29%20%5B1%20
Attachment%5D
[3]
http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJwMG1vaDFpBF9TAzk3MzU5NzE0BGdycElk
AzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM4MjEEc2VjA2Z0cgRzbGsDcnBseQRzdGltZQMxMzM0Nj
c1OTg4?act=reply|+|amp|+|messageNum=821
[4]
http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJmbmxhYzhuBF9TAzk3MzU5NzE0BGdycElk
AzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzMzQ2NzU5ODg-
[5]
http://groups.yahoo.com/group/Super_SID/message/819;_ylc=X3oDMTMzcGg1dWIyBF9TAzk3MzU5NzE0B
GdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM4MjEEc2VjA2Z0cgRzbGsDdnRwYwRzdGltZQM
xMzM0Njc1OTg4BHRwY0lkAzgxOQ--

[6]
http://groups.yahoo.com/group/Super_SID/members;_ylc=X3oDMTJnM2JncDI3BF9TAzk3MzU5NzE0BGdyc
ElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMzM0Njc1OTg4?o=
6
[7]
http://groups.yahoo.com/group/Super_SID;_ylc=X3oDMTJmb2YwbnFxBF9TAzk3MzU5NzE0BGdycElkAzM2M
jgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzMzQ2NzU5ODg-
[8]
http://groups.yahoo.com/;_ylc=X3oDMTJlcGJ1bWszBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNw
SWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTMzNDY3NTk4OA--
[9]
mailto:Super_SID-traditional@yahoogroups.com?subject=Change Delivery
Format: Traditional
[10]
mailto:Super_SID-digest@yahoogroups.com?subject=Email Delivery:
Digest
[11]
mailto:Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe
[12]
http://docs.yahoo.com/info/terms/

823. Re: [Super_SID] (unknown)

Yahoo group: Super_SID
Date: 2012-04-17 15:30:37 UTC
From: Deborah Scherrer
Topic: 819 Message: 823

Thanks for letting us know!

Debbie

On 4/17/2012 8:28 AM, mleech@... wrote:
> I uploaded my last three days of data last night--it all went just fine.
>
> -Marcus
>
> On Tue, 17 Apr 2012 08:19:44 -0700, Deborah Scherrer wrote:
>
>> The problems have been resolved and the system appears
>> to be working. Please let me know if there is still
>> something wrong.
>>
>> Thanks.
>> Deborah
>>
>> On 4/17/2012 2:18 AM, Liu zhenzhong wrote:
>> > [Attachment(s) <#TopText> from Liu zhenzhong included below]
>> >
>> > The data link have problem of the Stanford webs.
>> >
>>

824. SuperSID & W7

Yahoo group: Super_SID
Date: 2012-04-17 15:27:34 UTC
From: Famil Mustafa
Topic: 824 Message: 824

Dear colleagues,
I installed SuperSID software on Windows 7 but it not works. Is SuperSID software working on Windows 7?
Thank you in advance
Best wishes
Famil

****
Famil Rafiz oghlu MUSTAFA
Shamakhy Astrophysical Observatory named after N.Tusi,
Azerbaijan National Academy of Sciences
E-mail: famil.mustafa@...
Web Site: http://shao.az/fmustafa
****

P Please consider the environment before printing this e-mail

825. Re: [Super_SID] SuperSID & W7

Yahoo group: Super_SID
Date: 2012-04-18 03:47:17 UTC
From: WILLIAM & MELINDA LORD
Topic: 824 Message: 825

We have SuperSID running on Windows 7 64-bit pPofessional.

What error message do you get? Didyou copy the entire CD to your C drive?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Famil Mustafa <famil_m@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Tuesday, April 17, 2012 10:27 AM
Subject: [Super_SID] SuperSID & W7

Dear colleagues,
I installed SuperSID software on Windows 7 but it not works. Is SuperSID software working on Windows 7?
Thank you in advance
Best wishes
Famil

****
Famil Rafiz oghlu MUSTAFA
Shamakhy Astrophysical Observatory named after N.Tusi,
Azerbaijan National Academy of Sciences
E-mail: famil.mustafa@gmail.com
Web Site: http://shao.az/fmustafa
****
P Please consider the environment before printing this e-mail

826. Fwd: Fw: ISWI Newsletter - Vol. 4 No. 43

Yahoo group: Super_SID
Date: 2012-04-20 19:08:31 UTC
From: Deborah Scherrer
Topic: 826 Message: 826

-------- Original Message --------
Subject: Fw: ISWI Newsletter - Vol. 4 No. 43
Date: Fri, 20 Apr 2012 08:26:03 +0200
From: Hans HAUBOLD <hans.haubold@...>
To: WILLIAM & MELINDA LORD <ap_guardian@...>, George Maeda
<maeda@...-u.ac.jp>, "dscherrer@..."
<dscherrer@...>, "eckelt-bergen@..."
<eckelt-bergen@...>, "fairos@..."
<fairos@...>, "fixormail@..." <fixormail@...>,
"jaap@..." <jaap@...>, Romain KIEFFER
<romain.kieffer@...>
CC: Sharafat GADIMOVA <sharafat.gadimova@...>

-----Forwarded by Hans HAUBOLD/VIENNA/UNO on 04/20/2012 08:24AM -----
To: Hans HAUBOLD/VIENNA/UNO@UNOV
From: maeda@...-u.ac.jp
Sent by: iswinewsletter@...
Date: 04/20/2012 07:47AM
Subject: ISWI Newsletter - Vol. 4 No. 43

<<< Note from the Editor of the ISWI Newsletter >>>
The attachment to this ISWI Newsletter can be viewed by
clicking the following:

<http://cirrus.mail-list.com/iswinewsletter/Application-of-Empirical-Mode-Decomposition.pd
f>
1 Mb

****
* ISWI Newsletter - Vol. 4 No. 43 20 April 2012 *
* *
* I S W I = International Space Weather Initiative *
* (www.iswi-secretariat.org) *
* *
* Publisher: Professor K. Yumoto, ICSWSE, Kyushu University, Japan *
* Editor-in-Chief: Mr. George Maeda, ICSWSE (maeda[at]serc.kyushu-u.ac.jp)*
* Archive location: www.iswi-secretariat.org (maintained by Bulgaria) *
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****

Attachment(s):
(1) "Application of Empirical Mode Decomposition", 1.3 MB pdf, 11 pages.

: Re:
: SID Monitor Data
:
:

Dear ISWI Participant:

I attach a remarkable article written by two students. Both of them
are under the age of twenty.

The authors are: Fissore, G. & Belliardo, F.

The title of the article is:
"Application of Empirical Mode Decomposition to
the Treatment of SID Monitor Data".

It was published in:
/Radio Astronomy/ (Journal of the Society of
Amateur Radio Astronomers), March-April 2012.

Cordially yours,
: George Maeda
: The Editor
: ISWI Newsletter

To subscribe, send a blank message to ISWInewsletter-on@...
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with your old address in the Subject: line
To contact the list owner, send your message to
ISWInewsletter-list-owner@...
(it will get forwarded to the ISWI Newsletter Editor, who is George Maeda.)

SERC, Kyushu University, Hakozaki Campus, Higashi-ku, Fukuoka, Japan.

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This message was launched into cyberspace to hans.haubold@...

827. good paper on SID and ionosphere

Yahoo group: Super_SID
Date: 2012-04-23 18:46:02 UTC
From: Deborah Scherrer
Topic: 827 Message: 827
Attachments: 1 described; binary payloads are missing from this source WARC

Dr. Chandrakant More has sent us a quite good paper describing
his SID system, and how the monitors and ionosphere function.
We have permission to use this paper, so I've attached it for
your enjoyment. I'd like to include this on the SID distribution
disc, and have asked SARA to add it.

Also, an expansion of this paper would make a good tutorial
for new users. Since the paper is quite complete, adding a
few images of the ionosphere and some description of the equations
(which aren't too numerous) would be nice. Is there anyone out
there who has the time and skills to do such an adaptation?

Thanks.
Deborah Scherrer

828. Leading SuperSID data

Yahoo group: Super_SID
Date: 2012-04-25 05:37:33 UTC
From: pikwah_w
Topic: 828 Message: 828

Hi all, greetings from Malaysia.

We are working with the SuperSID station set up in UKM, Malaysia since last December. We are getting good sunset sunrise patttern from NWC and have recorded some flares since December, but the data could not be uploaded due to lack of internet connection at that site. However, on detailed analysis of the data, I found that we got leading data compared to GOES data. The leading time for the flares is from 2 min to 14 min. May I know does the similar phenomena had been observed by other station as well? Or what may cause it to happen? Since GOES data is recording the flux intensity at near space, I think that should be lagging data captured by SuperSID, however the inverse was observed at my site. Thanks for your help and enlightenment in advance!

Regards,
Pik Wah

829. Re: [Super_SID] Leading SuperSID data

Yahoo group: Super_SID
Date: 2012-04-25 16:01:24 UTC
From: Deborah Scherrer
Topic: 828 Message: 829

My understanding is that both GOES and the SIDs receive
the flare information at essentially the speed of light.
The ionosphere responds virtually instantaneously
to the radiation from the flares.

More likely, your computer clock is off. The SID software
uses your computer clock as the timestamp, and frequently
these can be as much as 20 minutes off. So, please do
check that.

If there is enough interest, Jaap has researched ways to
keep the computer clocks accurate by accessing the web.
In your case, Pik Wah, that wouldn't help. But if
others have a need, then you should let Jaap know.

(Jaap Akkerhuis is the lead of our SuperSID software committee,
and is doing most of the upgrading of the SID software).

Deborah

On 4/24/2012 10:37 PM, pikwah_w wrote:
> Hi all, greetings from Malaysia.
>
> We are working with the SuperSID station set up in UKM, Malaysia since
> last December. We are getting good sunset sunrise patttern from NWC and
> have recorded some flares since December, but the data could not be
> uploaded due to lack of internet connection at that site. However, on
> detailed analysis of the data, I found that we got leading data compared
> to GOES data. The leading time for the flares is from 2 min to 14 min.
> May I know does the similar phenomena had been observed by other station
> as well? Or what may cause it to happen? Since GOES data is recording
> the flux intensity at near space, I think that should be lagging data
> captured by SuperSID, however the inverse was observed at my site.
> Thanks for your help and enlightenment in advance!
>
> Regards,
> Pik Wah
>
>

830. Re: [Super_SID] Leading SuperSID data

Yahoo group: Super_SID
Date: 2012-04-25 21:37:07 UTC
From: Jaap Akkerhuis
Topic: 828 Message: 830

On Apr 25, 2012, at 18:01, Deborah Scherrer wrote:

> If there is enough interest, Jaap has researched ways to
> keep the computer clocks accurate by accessing the web.

Nowadays it is actually pretty easy to get have your (Windows) computer connected to the world wide time network service. From XP on (and even earlier) one can turn your machine into a Network Time Protocol (NTP) client. As an example, on XP you open the day and time widget in the control panel, hit the tab "Internet Time" and tick on the automatic set time option. If there isn't a server preconfigured use time.windows.com which is will pick a server close to you. That's all.

For Linux, Mac's and other systems there are also ways to turn your machine into an NTP client.

> In your case, Pik Wah, that wouldn't help. But if
> others have a need, then you should let Jaap know.

Yes, let me know. And please give details of system in use, what goes wrong etc.

Also, googling for "ntp client <your system>" where you replace <your system> with whatever you use gives a wealth of information. Furthermore, you can have a look at <http://ntp.org/> "The home of the Network Time Protocol project" for more details.

> (Jaap Akkerhuis is the lead of our SuperSID software committee,
> and is doing most of the upgrading of the SID software).

The NTP stuff doesn't help for the long term due to an architectural problem inside SuperSID. I'm upgrading the current program to a more modern version at the moment. When that is done (hopefully soon, just fixed another bug tonight) I'll tackle the timing problem by rewriting the central loop in the program.

jaap

831. Re: Leading SuperSID data

Yahoo group: Super_SID
Date: 2012-04-26 15:08:46 UTC
From: wd73383
Topic: 828 Message: 831

Hi Debbie - Jaap wrote to the NASA Radio Jove email list last March and said

"It is not the (SuperSID software) libraries but the way SuperSID maintains the time. It is rather error prone which makes the SuperSID running late. I'm already starting with a complete rewrite which will address this and many other issues. I [will] look whether I can do a quick fix for the current version but it will take time.... It isn't related to the time the system has so GPS doesn't help."

I understood from this that it is the SuperSID software itself that does not correctly time stamp the data and that having an accurate PC time-of-day clock does not help. Did I read that incorrectly?

Whit

--- In Super_SID@yahoogroups.com, Deborah Scherrer <dscherrer@...> wrote:
>
> My understanding is that both GOES and the SIDs receive
> the flare information at essentially the speed of light.
> The ionosphere responds virtually instantaneously
> to the radiation from the flares.
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> More likely, your computer clock is off. The SID software
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> In your case, Pik Wah, that wouldn't help. But if
> others have a need, then you should let Jaap know.
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> (Jaap Akkerhuis is the lead of our SuperSID software committee,
> and is doing most of the upgrading of the SID software).
>
> Deborah

832. Re: [Super_SID] Re: Leading SuperSID data

Yahoo group: Super_SID
Date: 2012-04-26 16:18:07 UTC
From: Deborah Scherrer
Topic: 828 Message: 832

Well, ah, not quite. The SID software does rely on the computer clock, and takes its initial time each day from that. What this version of the software doesn't do is keep checking the clock while collecting the daily data. The software assumes that each datum happens 5 seconds after the one before it. So, during the 24 hours, things could go wrong.

The original SID software did sample the time with every sample of data. So that was much better.

However, do note that the types of research we expected high school students to be doing with the SIDs was not particularly time dependent, only time relative. Just as the signal strength cannot be compared across monitors. It was the appearance of flares, shapes of sunrise/set signatures, etc. that we expected them to research. Since flares are energy and travel at the speed of light, and since the ionosphere responds almost as quickly as the speed of light, the actual timing wouldn't be critical.

We do understand that SARA researchers are more sophisticated, and that the time stamp issue is important to them. That's why Jaap is working on how to solve this.

Debbie

On 4/26/2012 8:08 AM, wd73383 wrote:
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> related to the time the system has so GPS doesn't help."
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> not correctly time stamp the data and that having an accurate PC
> time-of-day clock does not help. Did I read that incorrectly?
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> --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>,
> Deborah Scherrer <dscherrer@...> wrote:
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> > (Jaap Akkerhuis is the lead of our SuperSID software committee,
> > and is doing most of the upgrading of the SID software).
> >
> > Deborah
>
>

833. Re: Leading SuperSID data

Yahoo group: Super_SID
Date: 2012-04-27 01:04:00 UTC
From: pikwah_w
Topic: 828 Message: 833

Hi Dr. Scherrer, Mr. Jaap and Whit,

Thank you very much for the prompt response. Thanks for Jaap's effort to improve the time stamp accuracy issue too. Hope can use the improved version to have better data.

So, Dr. Scherrer, if I try to synchronize the computer clock with world clock time on the internet, it will help for the future data right?

We in Malaysia hope to continue be a part of the SuperSID community by sharing our data captured at the equatorial region too. =)

All the best!

Regards,
Pik Wah

--- In Super_SID@yahoogroups.com, Deborah Scherrer <dscherrer@...> wrote:
>
> Well, ah, not quite. The SID software does rely on the computer
> clock, and takes its initial time each day from that. What this version
> of the software doesn't do is keep checking the clock while
> collecting the daily data. The software assumes that each datum happens
> 5 seconds after the one before it. So, during the 24 hours, things
> could go wrong.
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> The original SID software did sample the time with every sample
> of data. So that was much better.
>
> However, do note that the types of research we expected high school
> students to be doing with the SIDs was not particularly time
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> of flares, shapes of sunrise/set signatures, etc. that we
> expected them to research. Since flares are energy and travel
> at the speed of light, and since the ionosphere responds almost
> as quickly as the speed of light, the actual timing wouldn't
> be critical.
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> We do understand that SARA researchers are more sophisticated, and
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> Debbie
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> > > The ionosphere responds virtually instantaneously
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> > > (Jaap Akkerhuis is the lead of our SuperSID software committee,
> > > and is doing most of the upgrading of the SID software).
> > >
> > > Deborah
> >
> >
>

834. Re: [Super_SID] good paper on SID and ionosphere [1 Attachment]

Yahoo group: Super_SID
Date: 2012-04-28 05:39:40 UTC
From: Chris Vyhnal
Topic: 827 Message: 834

Hi Deborah,

I've recently brought our receiver (TSOJAI) back on-line after a long hiatus (a perfect storm: loss of power, loss of wireless internet access to our computer, loss of sound card configuration settings, loss of my free time...).

We're getting good signals from 2 stations (NPM, NML) and fair signals from 2 others (NLK, NAA). I may also being seeing signals at 26.7 kHz (Turkey) and 18.2 kHz (India), but I haven't yet switched the station configuration file yet to see if they're worth pursuing. How likely is it that I'd get a decent sunrise-sunset signal from Turkey and/or India here in southern California?

I'm also seeing what look to be decent peaks at 27.4 and 32.5 kHz, but I don't see any corresponding stations at those frequencies in Appendix A of the manual, and the link to the updated list there bounces. Is there a more up-to-date list of transmitting stations available?

Thanks,
C

_____
Chris Vyhnal, Ph.D.
Science Dept. Chair
The Thacher School
Ojai, CA 93023

On Mon, Apr 23, 2012 at 11:46 AM, Deborah Scherrer <
dscherrer@...> wrote:

> **
>
> [Attachment(s) <#136e086800e57efe_TopText> from Deborah Scherrer
> included below]
>
> Dr. Chandrakant More has sent us a quite good paper describing
> his SID system, and how the monitors and ionosphere function.
> We have permission to use this paper, so I've attached it for
> your enjoyment. I'd like to include this on the SID distribution
> disc, and have asked SARA to add it.
>
> Also, an expansion of this paper would make a good tutorial
> for new users. Since the paper is quite complete, adding a
> few images of the ionosphere and some description of the equations
> (which aren't too numerous) would be nice. Is there anyone out
> there who has the time and skills to do such an adaptation?

>
> Thanks.
> Deborah Scherrer
>
>

835. Re: [Super_SID] good paper on SID and ionosphere

Yahoo group: Super_SID
Date: 2012-04-28 16:05:44 UTC
From: Deborah Scherrer
Topic: 827 Message: 835

Hi Chris,

Congratulations on getting your SID back online! And glad
to hear you are picking up some unusual stations. I can't
answer your questions about the Turkey, India, and additional
peaks. Perhaps someone from SARA can.

But we have updated the SID homepage with pointers to 3
new lists of transmitters. Go to:
http://solar-center.stanford.edu/SID/
and scroll down to about the middle of the page.

Glad to have you back running!

Deborah

On 4/27/2012 10:39 PM, Chris Vyhnal wrote:
> Hi Deborah,
>
>
> I've recently brought our receiver (TSOJAI) back on-line after a long
> hiatus (a perfect storm: loss of power, loss of wireless internet
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> Thanks.
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836. Re: [Super_SID] good paper on SID and ionosphere

Yahoo group: Super_SID
Date: 2012-04-28 18:32:49 UTC
From: WILLIAM & MELINDA LORD
Topic: 827 Message: 836

Hi Chris,

It is easy to modify the config file and then look at the data you collect to see if the signal from Turkey and India are any good. Look at Page 24 in the SuperSID manual for instructions on making these changes.

To identify the noise signals (strong ones with out any station), try turning everything off in the building you are in (if possible). Turn things on one at a time and then give SuperSID about 30 seconds or so to settle. If the signal goes away or is reduced, you have identified the noise source. You might not be able to identify the noise. It could be from a neighbor's building or power lines, DSL lines, etc that you can not control.

In that case, try moving the antenna to see where you get the best signal with the least noise.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Chris Vyhnal <cvyhnal@...>
To: Super_SID@yahoogroups.com
Sent: Saturday, April 28, 2012 12:39 AM
Subject: Re: [Super_SID] good paper on SID and ionosphere

Hi Deborah,

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>Thanks.
>Deborah Scherrer
>

837. Re: [Super_SID] Re: Leading SuperSID data

Yahoo group: Super_SID
Date: 2012-04-29 16:39:13 UTC
From: Deborah Scherrer
Topic: 828 Message: 837

Yes, your data would be more correct and valuable with
better timestamps.

Deborah

On 4/26/2012 6:04 PM, pikwah_w wrote:
> Hi Dr. Scherrer, Mr. Jaap and Whit,
>
> Thank you very much for the prompt response. Thanks for Jaap's effort to
> improve the time stamp accuracy issue too. Hope can use the improved
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> We in Malaysia hope to continue be a part of the SuperSID community by
> sharing our data captured at the equatorial region too. =)
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> All the best!
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> Regards,
> Pik Wah
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> --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>,
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> > > Whit
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> > > --- In Super_SID@yahoogroups.com
> <mailto:Super_SID%40yahoogroups.com> <mailto:Super_SID%40yahoogroups.com>,
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> > > > My understanding is that both GOES and the SIDs receive
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> > >
> > >

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838. Hello - SID vs radio receiver

Yahoo group: Super_SID
Date: 2012-05-02 19:39:21 UTC
From: Michael
Topic: 838 Message: 838

Hello everyone,
I'm relatively new to the field of radio astronomy but have been interested in solar astronomy for some time now. I recently learned of the SID program and so contacted Bill & Melinda regarding the availability of SID receivers.
I am considering the purchase of a SID receiver but have a question for the group here:
I already have an ICOM PCR1000 radio receiver. Can that be easily used to obtain similar data and output the results with the same software as what comnes with the SID receiver?
Thanks,
Michael O'Connell
I87 Astroshot Observatory
www.astroshot.com

839. Call for Radio Astronomy Observations

Yahoo group: Super_SID
Date: 2012-05-03 03:14:47 UTC
From: Whitham Reeve
Topic: 781 Message: 839

Hello fellow observers -

Once again we are requesting observations from those of you who are
SARA members so we can publish them in the next issue of the SARA
journal, Radio Astronomy. Our due-date for submittals is 10 May.

As many of you know, we recently started
this feature and we have published many of your observations since
then.

We are asking for observations of any celestial object at any
wavelength or frequency. This includes monitoring solar effects on terrestrial
transmissions (SID) and Earth's magnetic field.
We would like to publish strip charts, spectrograms, magnetograms,
meteor scatter records, space radar
records, measurements and photographs, and anything else that
qualifies as an observation.

For details please download our Observer Submission Guide at:
http://www.radio-astronomy.org/publicat/RA-JSARA_Observation_Submission_Guide.pdf

Please send your observations to: observations@...

Thank you, and Happy Listening, and Watching!

Whit

Whitham D. Reeve
Anchorage, Alaska USA
---

840. install SuperSID

Yahoo group: Super_SID
Date: 2012-05-08 12:27:19 UTC
From: YOUSSEF
Topic: 840 Message: 840

Hello,
I'am a new comming in this group, my name is Youssef Elmahroug I'Am from Tunisia, I start to install my SuperSID but I found an abnormal signal during installation and I do not know where does the problem
I thank you in advance
Youssef

841. Re: [Super_SID] install SuperSID

Yahoo group: Super_SID
Date: 2012-05-08 14:21:04 UTC
From: WILLIAM & MELINDA LORD
Topic: 840 Message: 841

Hi Youssef,

Welcome to the group. Can you explain more about the abnormal signal? Can you send an attachment showing us what you are seeing?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: YOUSSEF <youssef_phy_ast_tn@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, May 8, 2012 7:27 AM
Subject: [Super_SID] install SuperSID

Hello,
I'am a new comming in this group, my name is Youssef Elmahroug I'Am from Tunisia, I start to install my SuperSID but I found an abnormal signal during installation and I do not know where does the problem
I thank you in advance
Youssef

842. Re: [Super_SID] Hello - SID vs radio receiver

Yahoo group: Super_SID
Date: 2012-05-08 14:30:28 UTC
From: WILLIAM & MELINDA LORD
Topic: 838 Message: 842

Hi Michael,

No, the ICOM PCR 1000 will not get below 500 kHz (0.5 MHz) according to the specs we found on the web. The VLF stations are generally from 17 kHz to 35 kHz depending on the station. I do not know if it can be modified to get that low or not.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Michael <michael@...>
To: Super_SID@yahoogroups.com
Sent: Wednesday, May 2, 2012 2:39 PM
Subject: [Super_SID] Hello - SID vs radio receiver

Hello everyone,
I'm relatively new to the field of radio astronomy but have been interested in solar astronomy for some time now. I recently learned of the SID program and so contacted Bill & Melinda regarding the availability of SID receivers.
I am considering the purchase of a SID receiver but have a question for the group here:
I already have an ICOM PCR1000 radio receiver. Can that be easily used to obtain similar data and output the results with the same software as what comnes with the SID receiver?
Thanks,
Michael O'Connell
I87 Astroshot Observatory
www.astroshot.com

843. Re: [Super_SID] install SuperSID

Yahoo group: Super_SID
Date: 2012-05-08 22:35:40 UTC
From: YOUSSEF ELMAHROUG
Topic: 840 Message: 843
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,
this is a signal which I obtained with my monitor I think that there is something wrong.
I count on your help to solve the problem.
Youssef

844. Re: [Super_SID] install SuperSID [1 Attachment]

Yahoo group: Super_SID
Date: 2012-05-08 22:49:22 UTC
From: WILLIAM & MELINDA LORD
Topic: 840 Message: 844

You are getting signals from some stations, but it also looks like you have radio frequency noise. Have you collected any data for a 24 hour day? Let's look at those plots and see if the data is usable. .

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: YOUSSEF ELMAHROUG <youssef_phy_ast_tn@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Tuesday, May 8, 2012 5:35 PM
Subject: Re: [Super_SID] install SuperSID [1 Attachment]

[Attachment(s) from YOUSSEF ELMAHROUG included below]
Hello,
this is a signal which I obtained with my monitor I think that there is something wrong.
I count on your help to solve the problem.
Youssef

845. Re: Hello - SID vs radio receiver

Yahoo group: Super_SID
Date: 2012-05-10 07:19:13 UTC
From: Michael
Topic: 838 Message: 845

Thanks for clarifying that.
Much appreciated.
Regards
Michael.

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Hi Michael,
>
> No, the ICOM PCR 1000 will not get below 500 kHz (0.5 MHz) according to the specs we found on the web.Â The VLF stations are generally from 17 kHz to 35 kHz depending on the station.Â I do not know if it can be modified to get that low or not.
>
> Â
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
>
> _____
> From: Michael <michael@...>
> To: Super_SID@yahoogroups.com
> Sent: Wednesday, May 2, 2012 2:39 PM
> Subject: [Super_SID] Hello - SID vs radio receiver
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> Â
> Hello everyone,
> I'm relatively new to the field of radio astronomy but have been interested in solar astronomy for some time now. I recently learned of the SID program and so contacted Bill & Melinda regarding the availability of SID receivers.
> I am considering the purchase of a SID receiver but have a question for the group here:
> I already have an ICOM PCR1000 radio receiver. Can that be easily used to obtain similar data and output the results with the same software as what comnes with the SID receiver?
> Thanks,
> Michael O'Connell
> I87 Astroshot Observatory
> www.astroshot.com
>

846. Re: Hello - SID vs radio receiver

Yahoo group: Super_SID
Date: 2012-05-10 13:53:37 UTC
From: cezar lesanu
Topic: 838 Message: 846

Hello,

According to the specs, PCR1k is able to go in frequency down to 10kHz.
There is a problem though, because of the direct PC serial connection (interference) it's not usable at low frequencies.

There is a solution - hardware control panel - it might work, I didn't test it:
http://www.i0cg.com/control_panel_for_pcr1000.htm

For the next generation, ICOM included there own hardware panel - PCR -R 1500/2500:
http://www.universal-radio.com/catalog/widerxvr/2500.html

Another way is to use a VLF converter. Some comments here:
http://dir.groups.yahoo.com/group/PCR1000/message/5280

CTFI

BUT, still the best and the most affordable way is the SuperSID kit!!!

I received SAQ with it + "SAQ receiver" software - see the movies:
http://radioclubsuceava.ro/activitati/2012/receptieSAQ.html

Best regards,

Cezar Lesanu YO8TLC

847. Re: [Super_SID] Re: Hello - SID vs radio receiver

Yahoo group: Super_SID
Date: 2012-05-10 15:14:28 UTC
From: Mike Thompson
Topic: 838 Message: 847

I've been looking at Modifying my PCR-100 and have been reviewing the schematics which are similar.

I think some of the problem as far as detecting these things might be the auto AGC that you cannot turn off. However I think if you can maintain a constant voltage going to the ACG circuit you might be able to "trick" into keep the gain at a steady rate.

Homepage

http://home.comcast.net/~mikethompson236/index.htm

--- On Thu, 5/10/12, cezar lesanu <yo8tlc@...> wrote:

From: cezar lesanu <yo8tlc@...>
Subject: [Super_SID] Re: Hello - SID vs radio receiver
To: Super_SID@yahoogroups.com
Date: Thursday, May 10, 2012, 9:53 AM

Hello,

According to the specs, PCR1k is able to go in frequency down to 10kHz.
There is a problem though, because of the direct PC serial connection (interference) it's not usable at low frequencies.

There is a solution - hardware control panel - it might work, I didn't test it:
http://www.i0cg.com/control_panel_for_pcr1000.htm

For the next generation, ICOM included there own hardware panel - PCR -R 1500/2500:
http://www.universal-radio.com/catalog/widerxvr/2500.html

Another way is to use a VLF converter. Some comments here:
http://dir.groups.yahoo.com/group/PCR1000/message/5280

CTFI

BUT, still the best and the most affordable way is the SuperSID kit!!!

I received SAQ with it + "SAQ receiver" software - see the
movies:
http://radioclubsuceava.ro/activitati/2012/receptieSAQ.html

Best regards,

Cezar Lesanu YO8TLC

848. Re: Space weather monitor

Yahoo group: Super_SID
Date: 2012-05-11 01:07:24 UTC
From: Deborah Scherrer
Topic: 848 Message: 848

Sure, we'd be glad to help! Do you have a SID monitor yet? If not, you
can obtain one from the Society of Amateur Radio Astronomers (SARA).
I've copied them above. They'll send you an application. Please complete
it and return it to them, then they'll ship you a monitor. The package
will come with an installation disc that includes all the documents
associated with the project. Stanford will cover the costs of your
monitor,
if you don't already have one.

If you do have one already, what are the documents you need help with?

Deborah Scherrer
Stanford Solar Center

On 5/10/12 5:37 PM, Oscar Eduardo Pulgarin Duque wrote:
> Hello, my name is Oscar Pulgar?n i'm from Pereira - Colombia, i'm
> studying Electronic Engineering at Technological University of
> Pereira. My classmate Luisa Puerta and I are working on the Space
> Weather Monitor as the final project of our career and want to know
> if you can help us with some documents about this project. We also
> want to be part of monitoring SID network that you have around the world.
>
> We really appreciate your answer as soon as possible.
>
> Thanks for your time.
>
> --
> Oscar Eduardo Pulgarin Duque
> Tecn?logo electr?nico
> Luisa Maria Puerta Gonz?lez
> Estudiantes Ingenier?a electr?nica
> Universidad Tecnol?gica de Pereira
>

849. Re: Hello - SID vs radio receiver

Yahoo group: Super_SID
Date: 2012-05-13 20:43:46 UTC
From: Michael
Topic: 838 Message: 849

Thanks Mike and Cezar.

--- In Super_SID@yahoogroups.com, Mike Thompson <mthompson14@...> wrote:
>
> I've been looking at Modifying my PCR-100 and have been reviewing the schematics which are similar.
>
> I think some of the problem as far as detecting these things might be the auto AGC that you cannot turn off. However I think if you can maintain a constant voltage going to the ACG circuit you might be able to "trick" into keep the gain at a steady rate.
>
>
> Homepage
>
> http://home.comcast.net/~mikethompson236/index.htm
>
> --- On Thu, 5/10/12, cezar lesanu <yo8tlc@...> wrote:
>
> From: cezar lesanu <yo8tlc@...>
> Subject: [Super_SID] Re: Hello - SID vs radio receiver
> To: Super_SID@yahoogroups.com
> Date: Thursday, May 10, 2012, 9:53 AM
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> Hello,
>
> According to the specs, PCR1k is able to go in frequency down to 10kHz.
> There is a problem though, because of the direct PC serial connection (interference) it's
not usable at low frequencies.
>
> There is a solution - hardware control panel - it might work, I didn't test it:
> http://www.i0cg.com/control_panel_for_pcr1000.htm
>
> For the next generation, ICOM included there own hardware panel - PCR -R 1500/2500:
> http://www.universal-radio.com/catalog/widerxvr/2500.html
>
> --------------------------
> Another way is to use a VLF converter. Some comments here:
http://dir.groups.yahoo.com/group/PCR1000/message/5280
>
> CTFI
> ---------------------------------
> BUT, still the best and the most affordable way is the SuperSID kit!!!
>
> I received SAQ with it + "SAQ receiver" software - see the
> movies:
> http://radioclubsuceava.ro/activitati/2012/receptieSAQ.html
>
> Best regards,
>
> Cezar Lesanu YO8TLC
>

850. SID 17th of May

Yahoo group: Super_SID
Date: 2012-05-18 15:25:26 UTC
From: Eric Gibert
Topic: 850 Message: 850
Attachments: 1 described; binary payloads are missing from this source WARC

Dear all,

Big peak yesterday morning coinciding to the minute with the event #4620. Do you think this is "the real thing"?

Eric

851. Re: [Super_SID] SID 17th of May [1 Attachment]

Yahoo group: Super_SID
Date: 2012-05-22 00:56:29 UTC
From: WILLIAM & MELINDA LORD
Topic: 850 Message: 851

The profile looks like it is a SID, good job!

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Eric Gibert <ericgibert@...>
To: Super_SID@yahoogroups.com
Sent: Friday, May 18, 2012 10:25 AM
Subject: [Super_SID] SID 17th of May [1 Attachment]

[Attachment(s) from Eric Gibert included below]
Dear all,

Big peak yesterday morning coinciding to the minute with the event #4620. Do you think this is “the real thing”?

Eric

852. May 17 Solar Flare

Yahoo group: Super_SID
Date: 2012-05-22 03:16:05 UTC
From: clinton.jeffrey@bigpond.com
Topic: 852 Message: 852
Attachments: 3 described; binary payloads are missing from this source WARC

Hello Eric,

I can confirm your SID Chart recording; here in Victoria Australia we detected a Solar Flare at the same time of 01:30 hours UTC last Friday at 20.1MHz using the Radio Jove receiver.

Also Culgoora (http://www.ips.gov.au/Solar/3/2/2) IPS Observatory recorded the Flare on there Spectrographs...See attachments.

I wonder what your location is?

Cheers

Clint Jeffrey – VK3CSJ

LMRO (http://www.lmdsro.com/jovian-receiver/)

853. [Super_SID] SID 17th of May

Yahoo group: Super_SID
Date: 2012-05-22 05:32:12 UTC
From: Eric Gibert
Topic: 850 Message: 853

Hi Clint, Bill and Melinda,

Thank you for your confirmation, and the nice graphics. I live in Singapore so my day is from 0:00UTC till 9:00UTC.
NWC is the station I monitor mainly... even so it goes down for maintenance (I suppose) a couple of times a month. Other stations that I tried (China, India, Japan) are not giving me a satisfactory signal.

Best regards,

Eric

854. Re: SID 17th of May

Yahoo group: Super_SID
Date: 2012-05-23 00:58:06 UTC
From: VK3CSJ
Topic: 850 Message: 854

Hi Eric,
Thanks for the reply, Singapore, very good!...I have a SID receiver to set up, all I need to get is the digital sound card that has the wide frequency response to suit the SID, about the only VLF Transmitter I think I can rely on is NWC but at about 3000km away I'm not sure yet if it will provide the same signal conditions like what you seem to get, your Chart looks spot on in all respects, I 'd be interested in knowing a little more about your set up Eric...if that's ok....

Cheers
Clint
LMRO

--- In Super_SID@yahoogroups.com, Eric Gibert <ericgibert@...> wrote:
>
> Hi Clint, Bill and Melinda,
>
> Thank you for your confirmation, and the nice graphics. I live in Singapore so my day is from 0:00UTC till 9:00UTC.
> NWC is the station I monitor mainly... even so it goes down for maintenance (I suppose) a couple of times a month. Other stations that I tried (China, India, Japan) are not giving me a satisfactory signal.
>
> Best regards,
>
> Eric
>

855. New on VLF

Yahoo group: Super_SID
Date: 2012-05-29 10:58:30 UTC
From: Colin Haig
Topic: 855 Message: 855

Yesterday I put the finishing touches on my VLF antenna and think I
have the SuperSID (#357) configured correctly. I've noticed a fair
bit of "noise" below 20kHz - e.g. the power spectrum is about
60-70db, and then drops off substantially. Is this normal?
I do see several stations.
I havent checked into resolving local interference etc yet, may need
a different location. Also, a lot of 60Hz hum when I give it a "listen".
Last question- Should I connect a ground rod on the shield side?
Thanks
Colin VE3MSC

856. Re: [Super_SID] New on VLF

Yahoo group: Super_SID
Date: 2012-05-29 16:09:54 UTC
From: WILLIAM & MELINDA LORD
Topic: 855 Message: 856

Hi Colin,
RE: the substantial drop off- Are you sure your sound card is HD (able to sample at 96 kHz)? Sometimes you have additional settings in your control panel to set so it will collect at the higher rate.

If you have the ability to connect a ground rod on the shield side, that may be beneficial. Let us know your results.

Before doing this, you might try the antenna in different spots to see if there is a better signal/less noise in one area vs another.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Colin Haig <astronomer@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, May 29, 2012 5:58 AM
Subject: [Super_SID] New on VLF

Yesterday I put the finishing touches on my VLF antenna and think I
have the SuperSID (#357) configured correctly. I've noticed a fair
bit of "noise" below 20kHz - e.g. the power spectrum is about
60-70db, and then drops off substantially. Is this normal?
I do see several stations.
I havent checked into resolving local interference etc yet, may need
a different location. Also, a lot of 60Hz hum when I give it a "listen".
Last question- Should I connect a ground rod on the shield side?
Thanks
Colin VE3MSC

857. Web cast link to Venus Transit.

Yahoo group: Super_SID
Date: 2012-05-31 06:16:35 UTC
From: DIVYADARSHAN PUROHIT
Topic: 857 Message: 857
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Friends,
**
You are cordially invited to attend the rarest of the rare event "Venus Transit-2012" on 6/6/2012 at 5:25 AM at Urmi School,sama savli road,Vadodara,Gujarat,India with your family & friends.
**
*If you are not able to attend the event then **Please follow this link for live web cast of TOV from Vadodara, India.Kindly share the same with all your friends. *

**
*
http://www.ustream.tv/channel/urmi-venus#utm_campaign=unknown&utm_source=11217797&utm_medium=social
*<http://www.ustream.tv/channel/urmi-venus#utm_campaign=unknown&utm_source=11217797&utm_medium=social>
* *

**
It it does not work,
Try this one as well.

**
http://ustre.am/L4gd <http://ustre.am/L4gd>

with best regards,
DDPurohit
*--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
*

858. Hi

Yahoo group: Super_SID
Date: 2012-06-01 09:17:49 UTC
From: Sal Gino
Topic: 858 Message: 858

I really hope you get this fast. I could not inform anyone about my trip because it was impromptu. I had to be in Spain for a program and am having some difficulties here because i misplaced my wallet on my way to the hotel where my money, credit card and cell phone were kept. presently i have limited access to internet, I will like you to assist me with a loan of 2,150 Euros to sort-out my hotel bills and to get myself back home.
I have spoken to the embassy here but they are not responding to the matter effectively, I will appreciate whatever you can afford to assist me with, I'll Refund the money back to you as soon as I return, let me know if you can be of any help. I don't have a phone where I can be reached at the moment. Please let me know immediately.
Best regards
Sal

859. SID data

Yahoo group: Super_SID
Date: 2012-06-04 10:09:55 UTC
From: ambily joseph
Topic: 859 Message: 859

Sir
With SID data can we make study on these topics:

Which layer of ionosphere is active?

Ionospheric Spectral characteristics
Ionospheric or electron density
Ions , molecules there in ionosphere,its changes

Currently i am using spectrum lab software.My data is being written to a text file like peak amplitude,peak frequency and noise.
With these data how is it possible to study ionosphere.

Thank you

860. NLK Down?

Yahoo group: Super_SID
Date: 2012-06-15 13:59:57 UTC
From: jtegerdine
Topic: 860 Message: 860

Has NLK (Jim Creek) been down recently? I haven't been getting much of a signal from them, and they are only 12 miles away.

861. Re: [Super_SID] NLK Down?

Yahoo group: Super_SID
Date: 2012-06-15 16:24:00 UTC
From: garyr
Topic: 860 Message: 861

----- Original Message -----
From: "jtegerdine" <jtegerdine@...>
To: <Super_SID@yahoogroups.com>
Sent: Friday, June 15, 2012 6:59 AM
Subject: [Super_SID] NLK Down?

> Has NLK (Jim Creek) been down recently? I haven't been getting much of a
> signal from them, and they are only 12 miles away.

NLK has been down since 1500 UT May 15.

862. Change to SuperSID Yahoo Group

Yahoo group: Super_SID
Date: 2012-07-01 02:52:08 UTC
From: WILLIAM & MELINDA LORD
Topic: 862 Message: 862

Hi Folks,

Yahoo has informed us (see below) that they are shutting the "Group Labs" like ours down effective July 4.

We have started a new group under Science/Astronomy/Amateur. To join this group go to:

SuperSID_SARA-subscribe@yahoogroups.com

We will work to re-post files and links.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

----- Forwarded Message -----
From: "ygroupsnotifications@yahoogroups.com" <ygroupsnotifications@yahoogroups.com>
To: Super_SID-owner@yahoogroups.com
Sent: Saturday, June 30, 2012 5:29 PM
Subject: Reminder: Yahoo! Groups Labs Applications (beta) and Groups Chat shutdown notification

Dear User,

Unfortunately, the time has come to say goodbye to Yahoo! Groups Labs Applications (beta) and Groups Chat. We thank all the users that were a part
of this program. We intend to use this learning to enhance Yahoo! Groups further with new features.

On July 04, 2012, we will shut down the Yahoo! Groups Labs Applications (beta) and Groups Chat. We request you to backup any data that you might have
created using the applications.

This closure will not affect your other services on Yahoo! Groups.
We look forward to continue having you as our customer.

Best,
The Yahoo! Groups Team

863. RE: [Super_SID] Digest Number 325

Yahoo group: Super_SID
Date: 2012-07-01 10:07:40 UTC
From: Dave James
Topic: 863 Message: 863

Melinda, Bill:

Surely Y! are only suspending the 'Lab' (beta) facilities for the Groups, not the normal, widely used Groups facilities ?

I am in many Y! Groups, have just started yet another this week. They continue.

I think there is a misunderstanding.

Hope this helps, Dave

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: 01 July 2012 08:23
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Digest Number 325

<http://groups.yahoo.com/;_ylc=X3oDMTJldjY3bnRqBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM0MTEyNzM2NA--> Yahoo! Groups

<http://groups.yahoo.com/group/Super_SID;_ylc=X3oDMTJlM3ZsaTk1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDaGRyBHNsawNocGgEc3RpbWUDMTM0MTEyNzM2Mw--> Stanford & SARA SuperSID Group
1 New Message
Digest #325

1
Change to SuperSID Yahoo Group by "WILLIAM & MELINDA LORD" AP_GUARDIAN
1

<http://groups.yahoo.com/group/Super_SID/message/862;_ylc=X3oDMTJxNDhxZjcxBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM4NjIEc2VjA2Rtc2cEc2xrA3Ztc2cEc3RpbWUDMTM0MTEyNzM2NA--> Change to SuperSID Yahoo Group
Sat Jun 30, 2012 7:52 pm (PDT) . Posted by:
<mailto:ap_guardian@...?Subject=%20Re%3A%20Change%20to%20SuperSID%20Yahoo%20Group> "WILLIAM & MELINDA LORD" AP_GUARDIAN
Hi Folks,

Yahoo has informed us (see below) that they are shutting the "Group Labs" like ours down effective July 4.

We have started a new group under Science/Astronomy/Amateur. To join this group go to:

SuperSID_SARA-subscribe@yahoogroups.com
<mailto:SuperSID_SARA-subscribe%40yahoogroups.com>

We will work to re-post files and links.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

----- Forwarded Message -----
From: "ygroupsnotifications@yahoogroups.com
<mailto:ygroupsnotifications%40yahoogroups.com> "
<ygroupsnotifications@yahoogroups.com
<mailto:ygroupsnotifications%40yahoogroups.com> >
To: Super_SID-owner@yahoogroups.com
<mailto:Super_SID-owner%40yahoogroups.com>
Sent: Saturday, June 30, 2012 5:29 PM
Subject: Reminder: Yahoo! Groups Labs Applications (beta) and Groups Chat shutdown notification

Dear User,

Unfortunately, the time has come to say goodbye to Yahoo! Groups Labs Applications (beta) and Groups Chat. We thank all the users that were a part of this program. We intend to use this learning to enhance Yahoo! Groups further with new features.

On July 04, 2012, we will shut down the Yahoo! Groups Labs Applications (beta) and Groups Chat. We request you to backup any data that you might have
created using the applications.

This closure will not affect your other services on Yahoo! Groups.
We look forward to continue having you as our customer.

Best,
The Yahoo! Groups Team
^
Top

<mailto:ap_guardian@...?Subject=Re%3A%20Change%20to%20SuperSID%20Yahoo%20Group> Reply to sender
.

<mailto:Super_SID@yahoogroups.com?Subject=%20Re%3A%20Change%20to%20SuperSID%20Yahoo%20Group> Reply to group
.

<http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJxdDE2b28wBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM4NjIEc2VjA2Rtc2cEc2xrA3JwbHkEc3RpbWUDMTM0MTEyNzM2NA--?act=reply&messageNum=862> Reply via Web Post
.

<http://groups.yahoo.com/group/Super_SID/message/862;_ylc=X3oDMTM0YWs1NzRmBF
9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM4NjIEc2
VjA2Rtc2cEc2xrA3Z0cGMEc3RpbWUDMTM0MTEyNzM2NAR0cGNJZAM4NjI-> All Messages (1)

<http://groups.yahoo.com/group/Super_SID;_ylc=X3oDMTJmMThxcHFsBF9TAzk3MzU5Nz
E1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW
1lAzEzNDExMjczNjQ-> Visit Your Group

<http://groups.yahoo.com/group/Super_SID;_ylc=X3oDMTJmMThxcHFsBF9TAzk3MzU5Nz
E1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW
1lAzEzNDExMjczNjQ-> >

<http://groups.yahoo.com/group/Super_SID/messages;_ylc=X3oDMTJndXQxNDgzBF9TA
zk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZG1zZwRzbGsDY
XRwYwRzdGltZQMxMzQxMTI3MzY0?xm=1&m=p&tidx=1> View All Topics
>

<http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJnOHY3NW9yBF9TAzk3M
zU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZG1zZwRzbGsDbnRwY
wRzdGltZQMxMzQxMTI3MzY0> Create New Topic
>
We are making changes based on your feedback, Thank you !

<mailto:ygroupsnotifications@yahoogroups.com?Subject=%20Feedback%20on%20the%
20redesigned%20daily%20digest> Submit Feedback
>

<http://groups.yahoo.com/;_ylc=X3oDMTJldjY3bnRqBF9TAzk3MzU5NzE1BGdycElkAzM2M
jgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM0MTEyNzM2N
A--> Yahoo! Groups

<http://groups.yahoo.com/group/Super_SID/join;_ylc=X3oDMTJnaTIybTNhBF9TAzk3M
zU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNzdG5nc
wRzdGltZQMxMzQxMTI3MzY0> CHANGE SETTINGS

<http://groups.yahoo.com/group/Super_SID/join;_ylc=X3oDMTJnaTIybTNhBF9TAzk3M
zU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNzdG5nc
wRzdGltZQMxMzQxMTI3MzY0> >
<http://docs.yahoo.com/info/terms/> TERMS OF USE
<http://docs.yahoo.com/info/terms/> >
<mailto:Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe>
UNSUBSCRIBE
<mailto:Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe> >

864. Re: [Super_SID] Digest Number 325

Yahoo group: Super_SID
Date: 2012-07-01 14:27:11 UTC
From: WILLIAM & MELINDA LORD
Topic: 863 Message: 864

You are right. They are only shutting down a feature we never used.

Sorry for the confusion folks. No need to sign up on the other group.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Dave James <dave@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, July 1, 2012 5:07 AM
Subject: RE: [Super_SID] Digest Number 325

Melinda, Bill:

Surely Y! are only suspending the 'Lab' (beta) facilities for the Groups, not the normal, widely used Groups facilities ?

I am in many Y! Groups, have just started yet another this week. They continue.

I think there is a misunderstanding.

Hope this helps, Dave

From:Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: 01 July 2012 08:23
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Digest Number 325

Stanford & SARA SuperSID Group
1 New Message
Digest #325
1
Change to SuperSID Yahoo Group by "WILLIAM & MELINDA LORD" AP_GUARDIAN
1
Change to SuperSID Yahoo Group
Sat Jun 30, 2012 7:52 pm (PDT) . Posted by: "WILLIAM & MELINDA LORD" AP_GUARDIAN
Hi Folks,

Yahoo has informed us (see below) that they are shutting the "Group Labs" like ours down effective July 4.

We have started a new group under Science/Astronomy/Amateur. To join this group go to:

SuperSID_SARA-subscribe@yahoogroups.com

We will work to re-post files and links.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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----- Forwarded Message -----
From: "ygroupsnotifications@yahoogroups.com" <ygroupsnotifications@yahoogroups.com>
To: Super_SID-owner@yahoogroups.com
Sent: Saturday, June 30, 2012 5:29 PM
Subject: Reminder: Yahoo! Groups Labs Applications (beta) and Groups Chat shutdown notification

Dear User,

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On July 04, 2012, we will shut down the Yahoo! Groups Labs Applications (beta) and Groups Chat. We request you to backup any data that you might have
created using the applications.

This closure will not affect your other services on Yahoo! Groups.
We look forward to continue having you as our customer.

Best,
The Yahoo! Groups Team
^
Top
Reply to sender
.
Reply to group
.
Reply via Web Post
.
All Messages (1)
Visit Your Group
>
View All Topics
>
Create New Topic
>
We are making changes based on your feedback, Thank you !
Submit Feedback
>
CHANGE SETTINGS

>
TERMS OF USE
>
UNSUBSCRIBE
>

865. Active Sun

Yahoo group: Super_SID
Date: 2012-07-08 00:54:05 UTC
From: WILLIAM & MELINDA LORD
Topic: 865 Message: 865

Hi Folks,

We were looking at the Stanford data base http://sid.stanford.edu/database-browser and saw a number of you detected SID's.

Some of the sites (but certainly not all of them) are
HWA UN-Vienna
NAA N2JUP
NAA AHSCincy
NAA KA6AKH
These all showed peaks for the SID's.

One chart that shows "dips" for the SID events was

FTA DARO

If you have not looked at the Stanford data base, it is a good place to compare what others are detecting and compare to your own charts.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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866. activities on 8th of July 2012

Yahoo group: Super_SID
Date: 2012-07-09 23:06:29 UTC
From: Eric Gibert
Topic: 866 Message: 866
Attachments: 1 described; binary payloads are missing from this source WARC

I checked my records this morning and agree with Bill & Melinda: the 8th was hot J

Eric

867. SuperSID computer question...

Yahoo group: Super_SID
Date: 2012-07-10 21:06:09 UTC
From: walkau@hotmail.com
Topic: 867 Message: 867

greetings SuperSID group!

it definitely is Christmas in July...i just got the SuperSID in the mail today from Bill & Melinda and will be building the antenna tomorrow...

i had a question about the computer...i was thinking about running the SuperSID software off of a netbook or even a cheap tablet...i understand that i would have to plug in the computer and have it running all day...i was hoping to avoid a large clunky desktop...

is anyone out there running SuperSID off of a netbook? cheap laptop?

does anyone have any experience/advice that they would be willing to share?

thx
niels

868. Re: [Super_SID] SuperSID computer question...

Yahoo group: Super_SID
Date: 2012-07-10 23:53:19 UTC
From: WILLIAM & MELINDA LORD
Topic: 867 Message: 868

Hi Niels,

We use a laptop to do demo's of the SuperSID. We always have a fully charged battery and do not plug in the power supply. Most of the laptop power supplies are "noisy" and create interference with the SuperSID. Cheaper laptops seem to have cheaper power supplies with are the worst offenders.

That said, if anyone has a particular laptop model that works well without interference, we would like to hear from them.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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From: "walkau@..." <walkau@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, July 10, 2012 4:06 PM
Subject: [Super_SID] SuperSID computer question...

greetings SuperSID group!

it definitely is Christmas in July...i just got the SuperSID in the mail today from Bill & Melinda and will be building the antenna tomorrow...

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does anyone have any experience/advice that they would be willing to share?

thx
niels

869. Re: [Super_SID] Change to SuperSID Yahoo Group

Yahoo group: Super_SID
Date: 2012-07-11 00:29:07 UTC
From: Chris Vyhnal
Topic: 862 Message: 869

Hi all...

Haven't seen my data files (TSOJAI) on the Stanford data server in about a week. At first I thought we'd lost power to the observatory where our VLF array is housed, but when I went to check the status of the computer remotely today, the software was up and running and has valid data files for the time interval during which no files appear on the Stanford site.

Has anyone else experienced this problem? Any suggestions?

C

_____
Chris Vyhnal, Ph.D.
Science Dept. Chair
The Thacher School
Ojai, CA 93023

On Sat, Jun 30, 2012 at 10:52 PM, WILLIAM & MELINDA LORD <
ap_guardian@...> wrote:

> **
>
>
> Hi Folks,
>
> Yahoo has informed us (see below) that they are shutting the "Group Labs"
> like ours down effective July 4.
>
> We have started a new group under Science/Astronomy/Amateur. To join this
> group go to:
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> SuperSID_SARA-subscribe@yahoogroups.com
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> We will work to re-post files and links.
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> www.tnSkyNet.com
> www.radio-astronomy.org
>
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>
> ----- Forwarded Message -----
> *From:* "ygroupsnotifications@yahoogroups.com" <
> ygroupsnotifications@yahoogroups.com>
> *To:* Super_SID-owner@yahoogroups.com

> *Sent:* Saturday, June 30, 2012 5:29 PM
> *Subject:* Reminder: Yahoo! Groups Labs Applications (beta) and Groups
> Chat shutdown notification
>
> Dear User,
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> Unfortunately, the time has come to say goodbye to Yahoo! Groups Labs
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> We look forward to continue having you as our customer.
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> Best,
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>

870. Re: [Super_SID] Change to SuperSID Yahoo Group

Yahoo group: Super_SID
Date: 2012-07-11 03:04:20 UTC
From: danny garvin
Topic: 862 Message: 870

I have seen this happen if the program has been running for a long time try closing and restarting the program. If that dosen't work try rebooting the computer.
Danny

From: Chris Vyhnal <cvyhnal@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, July 10, 2012 7:29 PM
Subject: Re: [Super_SID] Change to SuperSID Yahoo Group

Hi all...

Haven't seen my data files (TSOJAI) on the Stanford data server in about a week. At first I thought we'd lost power to the observatory where our VLF array is housed, but when I went to check the status of the computer remotely today, the software was up and running and has valid data files for the time interval during which no files appear on the Stanford site.

Has anyone else experienced this problem? Any suggestions?

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871. Re: [Super_SID] Change to SuperSID Yahoo Group

Yahoo group: Super_SID
Date: 2012-07-11 09:35:14 UTC
From: Jaap Akkerhuis
Topic: 862 Message: 871

On Jul 11, 2012, at 2:29, Chris Vyhnal wrote:

> Haven't seen my data files (TSOJAI) on the Stanford data server in about a week. At first I thought we'd lost power to the observatory where our VLF array is housed, but when I went to check the status of the computer remotely today, the software was up and running and has valid data files for the time interval during which no files appear on the Stanford site.
>
> Has anyone else experienced this problem? Any suggestions?

Can you do the upload by hand? Maybe that gives a clue what's going on
(and it will get the files there as well).

jaap

872. RE: [Super_SID] SuperSID computer question...

Yahoo group: Super_SID
Date: 2012-07-11 11:44:22 UTC
From: niels walkau
Topic: 867 Message: 872

thanks for the reply......is there a way of isolating the noise from the power supply?...definitely not an expert here but would some sort of Faraday cage or ferrite bead suppress the noise?

thx
niels

"Somewhere, something incredible is waiting to be known."
-Carl Sagan

To: Super_SID@yahoogroups.com
From: ap_guardian@...
Date: Tue, 10 Jul 2012 16:53:19 -0700
Subject: Re: [Super_SID] SuperSID computer question...

Hi Niels,

We use a laptop to do demo's of the SuperSID. We always have a fully charged battery and do not plug in the power supply. Most of the laptop power supplies are "noisy" and create interference with the SuperSID. Cheaper laptops seem to have cheaper power supplies with are the worst offenders.

That said, if anyone has a particular laptop model that works well without interference, we would like to hear from them.

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From: "walkau@..." <walkau@hotmail.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, July 10, 2012 4:06 PM
Subject: [Super_SID] SuperSID computer question...

greetings SuperSID group!

it definitely is Christmas in July...i just got the SuperSID in the mail today from Bill & Melinda and will be building the antenna tomorrow...

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does anyone have any experience/advice that they would be willing to share?

thx
niels

873. SuperSID newbie antenna questions...

Yahoo group: Super_SID
Date: 2012-07-11 12:08:13 UTC
From: walkau@hotmail.com
Topic: 873 Message: 873

before i jump into antenna construction, i had a few newbie questions that i am hoping to get some clarification on...

1. i know the instructions mentioned 1 meter and 2 meter configurations, did that mean 1 m or 2m on the side or was that the diagonal measurement?

2. when winding the wire on the antenna is it best to wrap the wires so that they sit side by side or on-top of each other? what about winding the wire so that it looks like a spiderish web? any suggestions?

3. does the antenna need to be grounded in any way? if so, how would this be done safely?

4. i got a roll of antenna wire in the SuperSID kit...is all of the wire to be used in the antenna construction?

5. is it better to mount the loop antenna vertically or horizontally with respect to the ground?

thanks in advance for any help with these simple questions...

cheers
niels
canada

874. Re: [Super_SID] SuperSID newbie antenna questions...

Yahoo group: Super_SID
Date: 2012-07-11 13:25:22 UTC
From: WILLIAM & MELINDA LORD
Topic: 873 Message: 874

Hi Niels,

1. You have 400 ft of wire which works well on a one meter square frame(one meter each side)

2. If possible, wind the wire so the strands lay flat, side by side next to each other.

3. The antenna is grounded when you connect the coax to the black terminal block.

4. Yes, use all of the wire, it will be about 25 wraps on a one meter antenna.

5. Best results are generally from the antenna being vertical to the ground,

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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From: "walkau@..." <walkau@...>
To: Super_SID@yahoogroups.com
Sent: Wednesday, July 11, 2012 7:08 AM
Subject: [Super_SID] SuperSID newbie antenna questions...

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canada

875. Re: [Super_SID] Change to SuperSID Yahoo Group

Yahoo group: Super_SID
Date: 2012-07-11 13:40:27 UTC
From: danny garvin
Topic: 862 Message: 875

Yes there is a document in the files section on the group that shows one methed of manualy uploading your files. I use a ftp client to upload files this is easy to set up if you are fimilure with ftp programs the url for the site is in the config file of program.
Danny

From: Jaap Akkerhuis <jaapna@...>
To: Super_SID@...m
Sent: Wednesday, July 11, 2012 4:35 AM
Subject: Re: [Super_SID] Change to SuperSID Yahoo Group

On Jul 11, 2012, at 2:29, Chris Vyhnal wrote:

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Can you do the upload by hand? Maybe that gives a clue what's going on
(and it will get the files there as well).

    jaap

Yahoo! Groups Links

    http://docs.yahoo.com/info/terms/

876. RE: [Super_SID] SuperSID newbie antenna questions...

Yahoo group: Super_SID
Date: 2012-07-11 14:08:26 UTC
From: niels walkau
Topic: 873 Message: 876

thanks for the quick reply! off to homedepot...

cheers
niels

"Somewhere, something incredible is waiting to be known."
-Carl Sagan

To: Super_SID@yahoogroups.com
From: ap_guardian@...
Date: Wed, 11 Jul 2012 06:25:22 -0700
Subject: Re: [Super_SID] SuperSID newbie antenna questions...

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To: Super_SID@yahoogroups.com
Sent: Wednesday, July 11, 2012 7:08 AM
Subject: [Super_SID] SuperSID newbie antenna questions...

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thanks in advance for any help with these simple questions...

cheers

niels

canada

877. Re: [Super_SID] SuperSID computer question...

Yahoo group: Super_SID
Date: 2012-07-17 00:39:12 UTC
From: WILLIAM & MELINDA LORD
Topic: 867 Message: 877

We have tried some ferrite clamp-on filters and have not seen much improvement. When you look at the specs, they are to filter out higher frequencies than we are trying to monitor.

We would love to be proved wrong. If anyone out there has tried a filter or faraday cage and had good results, please let us know.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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From: niels walkau <walkau@...>
To: super_sid@yahoogroups.com
Sent: Wednesday, July 11, 2012 6:44 AM
Subject: RE: [Super_SID] SuperSID computer question...

thanks for the reply......is there a way of isolating the noise from the power supply?...definitely not an expert here but would some sort of Faraday cage or ferrite bead suppress the noise?

thx
niels

"Somewhere, something incredible is waiting to be known."
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To: Super_SID@...m
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Date: Tue, 10 Jul 2012 16:53:19 -0700
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Sent: Tuesday, July 10, 2012 4:06 PM
Subject: [Super_SID] SuperSID computer question...

greetings SuperSID group!

it definitely is Christmas in July...i just got the SuperSID in the mail today from Bill & Melinda and will be building the antenna tomorrow...

i had a question about the computer...i was thinking about running the SuperSID software off of a netbook or even a cheap tablet...i understand that i would have to plug in the computer and have it running all day...i was hoping to avoid a large clunky desktop...

is anyone out there running SuperSID off of a netbook? cheap laptop?

does anyone have any experience/advice that they would be willing to share?

thx
niels

878. Re: [Super_SID] SuperSID computer question...

Yahoo group: Super_SID
Date: 2012-07-17 09:58:40 UTC
From: Jaap Akkerhuis
Topic: 867 Message: 878

On Jul 17, 2012, at 2:39, WILLIAM & MELINDA LORD wrote:

> We have tried some ferrite clamp-on filters and have not seen much improvement. When you look at the specs, they are to filter out higher frequencies than we are trying to monitor.

Yes, very likely.

There is a nice article about ferrite filters and there operation available
from the net: <http://audiosystemsgroup.com/SAC0305Ferrites.pdf>.

> We would love to be proved wrong. If anyone out there has tried a filter or faraday cage and had good results, please let us know.

I personally expect that the laptops themselves are introducing way more
noise then the power supplies. Low (electric) noise in the audio range
is likely a low priority for the design. Experience shows that for PC's
separate audio cards are often less noisy then the build in sound capabilities
and I expect that that is the same for laptops.

If you want to do experiments and to see what the noise floor is of the
computer systems themselves, be sure that you have shortened all the input
signals so you are sure that you don't pick up signals from outside.

jaap

879. Supersid

Yahoo group: Super_SID
Date: 2012-07-17 02:27:57 UTC
From: Mark Gibson
Topic: 879 Message: 879

> Been to two local amateur radio clubs showing and explaining the super-sid. A lot of good questions andinterest.

Mark Gibson

880. Re: [Super_SID] SuperSID computer question...

Yahoo group: Super_SID
Date: 2012-07-18 23:48:51 UTC
From: WILLIAM & MELINDA LORD
Topic: 867 Message: 880

Hi Jaap,
We use a Toshiba laptop and when we run on battery power we get a nice, clean signal. When we plug in the power supply, we see an increase in noise.

We have seen other users that even with the power supply unplugged did not get a good signal from the on-board laptop sound card. Once they plugged in a USB external sound card AND ran on battery, they got a decent signal.

Bottom line though, all of the laptops we have seen or heard others use can not run 24 hours at day, 7 days a week without the power supply. The power supply generally makes the SuperSID data unusable for detecting SID's.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Jaap Akkerhuis <jaapna@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, July 17, 2012 4:58 AM
Subject: Re: [Super_SID] SuperSID computer question...

On Jul 17, 2012, at 2:39, WILLIAM & MELINDA LORD wrote:

> We have tried some ferrite clamp-on filters and have not seen much improvement. When you look at the specs, they are to filter out higher frequencies than we are trying to monitor.

Yes, very likely.

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computer systems themselves, be sure that you have shortened all the input
signals so you are sure that you don't pick up signals from outside.

jaap

881. Re: [Super_SID] SuperSID computer question...

Yahoo group: Super_SID
Date: 2012-07-19 10:44:32 UTC
From: Thornett Andrew (5M3) Blackwood HC
Topic: 867 Message: 881

Hi folks,
I have also experienced problems with laptop power supplies. Last week, with our Radio Jove setup, spent 1 hour chasing a strange powerful signal. Turned out not to be little green men trying to contact me but the lappy power supply - wasn't even used for the radio - just in the same room!
I have also found that lcd screens produve a lot of spurious signal.
So I got hold of a second hand desktop pc - does not need to be powerful or have much ram. I use that to run SuperSID and a UKRAA SID receiver. As long as I keep the lcd screen turned off that works well!
Andy
Lichfield, uk, www.roslistonastronomy.org.uk

From: WILLIAM & MELINDA LORD [mailto:ap_guardian@yahoo.com]
Sent: Thursday, July 19, 2012 12:48 AM
To: Super_SID@yahoogroups.com <Super_SID@yahoogroups.com>
Subject: Re: [Super_SID] SuperSID computer question...

Hi Jaap,
We use a Toshiba laptop and when we run on battery power we get a nice, clean signal. When we plug in the power supply, we see an increase in noise.

We have seen other users that even with the power supply unplugged did not get a good signal from the on-board laptop sound card. Once they plugged in a USB external sound card AND ran on battery, they got a decent signal.

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www.radio-as tronomy.org

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From: Jaap Akkerhuis <jaapna@xs4all.nl>
To: Super_SID@yahoogroups.com
Sent: Tuesday, July 17, 2012 4:58 AM
Subject: Re: [Super_SID] SuperSID computer question...

On Jul 17, 2012, at 2:39, WILLIAM & MELINDA LORD wrote:

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computer systems themselves, be sure that you have shortened all the input
signals so you are sure that you don't pick up signals from outside.

jaap

882. (no subject)

Yahoo group: Super_SID
Date: 2012-07-19 11:10:15 UTC
From: Tom
Topic: 882 Message: 882

[Body unavailable in the source archive]

883. RE: [Super_SID] SuperSID computer question...

Yahoo group: Super_SID
Date: 2012-07-19 12:13:54 UTC
From: niels walkau
Topic: 867 Message: 883

to continue this thread, has anyone set up their SID so that it runs off of solar power during the day?...it would definitely amp up the cool factor...

i found this on youtube which may inspire...http://www.youtube.com/watch?v=hjHwUMhNS6k

comments? thoughts? suggestions?

cheers
niels walkau
canada

"Somewhere, something incredible is waiting to be known."
-Carl Sagan

To: Super_SID@yahoogroups.com
From: andrew.thornett@...
Date: Thu, 19 Jul 2012 11:44:32 +0100
Subject: Re: [Super_SID] SuperSID computer question...

Hi folks,
I have also experienced problems with laptop power supplies. Last week, with our Radio Jove setup, spent 1 hour chasing a strange powerful signal. Turned out not to be little green men trying to contact me but the lappy power supply - wasn't even used for the radio - just in the same room!
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So I got hold of a second hand desktop pc - does not need to be powerful or have much ram. I use that to run SuperSID and a UKRAA SID receiver. As long as I keep the lcd screen turned off that works well!
Andy
Lichfield, uk, www.roslistonastronomy.org.uk

From: WILLIAM & MELINDA LORD [mailto:ap_guardian@...]

Sent: Thursday, July 19, 2012 12:48 AM
To: Super_SID@yahoogroups.com <Super_SID@yahoogroups.com>

Subject: Re: [Super_SID] SuperSID computer question...

Hi Jaap,We use a Toshiba laptop and when we run on battery power we get a nice, clean signal. When we plug in the power supply, we see an increase in noise.
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www.tnSkyNet.com

www.radio-as
tronomy.org

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From: Jaap Akkerhuis <jaapna@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, July 17, 2012 4:58 AM
Subject: Re: [Super_SID] SuperSID computer question...

On Jul 17, 2012, at 2:39, WILLIAM & MELINDA LORD wrote:

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computer systems themselves, be sure that you have shortened all the input

signals so you are sure that you don't pick up signals from outside.

jaap

884. [Super_SID] SuperSID computer idea

Yahoo group: Super_SID
Date: 2012-07-19 12:33:55 UTC
From: niels walkau
Topic: 867 Message: 884

another thing that i found recently that might be interesting for the SID project...and maybe a way to engage more young students...

http://www.raspberrypi.org/

I know that this minicomputer runs Linux but...

just thinking out loud here...

cheers
niels

"Somewhere, something incredible is waiting to be known."
-Carl Sagan

To: super_sid@yahoogroups.com
From: walkau@...
Date: Thu, 19 Jul 2012 08:13:54 -0400
Subject: RE: [Super_SID] SuperSID computer question...

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comments? thoughts? suggestions?

cheers
niels walkau
canada

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To: Super_SID@yahoogroups.com
From: andrew.thornett@walsall.nhs.uk
Date: Thu, 19 Jul 2012 11:44:32 +0100
Subject: Re: [Super_SID] SuperSID computer question...

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Andy
Lichfield, uk, www.roslistonastronomy.org.uk

From: WILLIAM & MELINDA LORD [mailto:ap_guardian@...]

Sent: Thursday, July 19, 2012 12:48 AM
To: Super_SID@yahoogroups.com <Super_SID@yahoogroups.com>

Subject: Re: [Super_SID] SuperSID computer question...

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From: Jaap Akkerhuis <jaapna@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, July 17, 2012 4:58 AM
Subject: Re: [Super_SID] SuperSID computer question...

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jaap

885. RE: [Super_SID] SuperSID computer question...

Yahoo group: Super_SID
Date: 2012-07-19 11:02:37 UTC
From: Thornett Andrew (5M3) Blackwood HC
Topic: 867 Message: 885

.....Another idea - if you have no choice but to use the laptop could you make a box with enough room to allow power supply to be air cooled, cover it with aluminium foil from the kitchen cupboard - might be enough on its own - if not earth the box.

Andy

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of WILLIAM & MELINDA LORD
Sent: 19 July 2012 00:49
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] SuperSID computer question...

Hi Jaap,

We use a Toshiba laptop and when we run on battery power we get a nice, clean signal. When we plug in the power supply, we see an increase in noise.

We have seen other users that even with the power supply unplugged did not get a good signal from the on-board laptop sound card. Once they plugged in a USB external sound card AND ran on battery, they got a decent signal.

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From: Jaap Akkerhuis <jaapna@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, July 17, 2012 4:58 AM
Subject: Re: [Super_SID] SuperSID computer question...

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signals so you are sure that you don't pick up signals from outside.

jaap

886. Re: [Super_SID] SuperSID computer idea

Yahoo group: Super_SID
Date: 2012-07-20 00:57:55 UTC
From: ericgibert@yahoo.fr
Topic: 886 Message: 886
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

887. Congratulation to NASA,JPL.

Yahoo group: Super_SID
Date: 2012-08-06 06:03:08 UTC
From: DIVYADARSHAN PUROHIT
Topic: 887 Message: 887

Our heartfelt Congratulations to NASA, JPL and the staff and crew of the Curiosity rover. You have created History.
Your effort will help to open the new doors at Mars.
* *
Well done.Keep it up.
* *
with best regards,
*DDPurohit & people of India.
--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
*

888. Fw: [Aavso-sid-list] NLK Outage

Yahoo group: Super_SID
Date: 2012-08-10 17:59:11 UTC
From: WILLIAM & MELINDA LORD
Topic: 888 Message: 888

FYI

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

----- Forwarded Message -----
From: Chuck Forsberg WA7KGX N2469R <caf@...>
To: aavso-sid list <aavso-sid-list@...>
Sent: Tuesday, July 24, 2012 12:35 PM
Subject: [Aavso-sid-list] NLK Outage

As many of you know, the powerful 24.8 kHz NLK transmitter
in Jim Creek Washington has been off the air since May 15.

I finally called the transmitter site today. The person answering
was not at liberty to say much of anything, but he did say
emphatically NLK would be back on the air.

-- Chuck Forsberg WA7KGX N2469R   caf@... www.omen.com
Developer of Industrial ZMODEM(Tm) for Embedded Applications
  Omen Technology Inc   "The High Reliability Software"
10255 NW Old Cornelius Pass Portland OR 97231 503-614-0430

_____
aavso-sid-list mailing list
aavso-sid-list@...
http://arch.aavso.org/mailman/listinfo/aavso-sid-list

889. These days the "sid.stanford.edu/database" webs database problems

Yahoo group: Super_SID
Date: 2012-08-17 07:28:08 UTC
From: Liu zhenzhong
Topic: 848 Message: 889

These days the "sid.stanford.edu/database" webs database problems
http://sid.stanford.edu/database-browser/

The following excerpts from the website information:

Service Temporarily Unavailable
The server is temporarily unable to service your request due to maintenance downtime or capacity problems. Please try again later.

Apache/2.2.3 (CentOS) Server at sid.stanford.edu Port 80

---

890. New install questions

Yahoo group: Super_SID
Date: 2012-08-17 17:02:09 UTC
From: tomrdew
Topic: 890 Message: 890

I have installed the software and when I execute I don't see any data files created? This is my Config file.

```
[PARAMETERS]

site_name = BTTS
longitude = -89.86
latitude = 35.22

utc_offset = -6.00
time_zone = Central Time (USA)
monitor_id = NONE

audio_sampling_rate = 96000

log_interval = 5
log_format = supersid_format
log_type = filtered
scaling_factor = 1.0

automatic_upload = no
ftp_server = sid-ftp.stanford.edu
ftp_directory = /incoming/SuperSID/

number_of_stations = 6

[STATION_1]
call_sign = NAA
color = r
frequency = 24000

[STATION_2]
call_sign = NLK
color = b
frequency = 24800

[STATION_3]
call_sign = NML
color = g
frequency = 25200

[STATION_4]
call_sign = NPM
color = c
frequency = 21400

[STATION_5]
call_sign = UN1
color = o
```

```
frequency = 27400

[STATION_6]
call_sign = UN2
color = p
frequency = 32700
```

891. Re: [Super_SID] New install questions

Yahoo group: Super_SID
Date: 2012-08-17 17:23:28 UTC
From: WILLIAM & MELINDA LORD
Topic: 890 Message: 891

Can you see your DATA folder? Where is the SuperSID installed? Do you shut the SuperSID down before 24:00 UTC?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: tomrdew <tomrdew5@...>
To: Super_SID@yahoogroups.com
Sent: Friday, August 17, 2012 12:02 PM
Subject: [Super_SID] New install questions

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[STATION_5]
call_sign = UN1
color = o
frequency = 27400

[STATION_6]
call_sign = UN2
color = p
frequency = 32700
```

892. Re: [Super_SID] New install questions

Yahoo group: Super_SID
Date: 2012-08-17 17:25:14 UTC
From: danny garvin
Topic: 890 Message: 892

The data files remain in the buffer and are saved to the data file once a day @ 00:00 UTC.

From: tomrdew <tomrdew5@...>
To: Super_SID@yahoogroups.com
Sent: Friday, August 17, 2012 12:02 PM
Subject: [Super_SID] New install questions

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[STATION_6]
call_sign = UN2
color = p
frequency = 32700
```

893. Re: New install questions

Yahoo group: Super_SID
Date: 2012-08-18 04:22:15 UTC
From: tomrdew
Topic: 890 Message: 893

Yes the sub folder Data is on Drive C folder supersid. I copied the complete folder from CD to drive C:. then i edited the sub folder config . next i deleted the data files in the data folder . next made a shortcut of the supersid.exe to me desktop. then exacuted it. It came up ok and after10 min's I looked in the data folder and saw nothing. so I shut it down and looked again still no data files...?
From you question does that indicate Supersid must run a certian amount of time befor it will creat that set of file's?
thanks for your help
Tom

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Can you see your DATA folder?Â Where is the SuperSID installed? Do you shut the SuperSID down before 24:00 UTC?
>
> Â
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
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>
>
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> From: tomrdew <tomrdew5@...>
> To: Super_SID@yahoogroups.com
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> frequency = 32700
>
```

894. Re: [Super_SID] Re: New install questions

Yahoo group: Super_SID
Date: 2012-08-18 12:50:45 UTC
From: WILLIAM & MELINDA LORD
Topic: 890 Message: 894

The current version of SuperSID saves the files at the end of the UTC day. If you shut SuperSID down before the end of the UTC day, the files are not saved.

A new software version will be released soon that you have the option of saving files hourly.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: tomrdew <tomrdew5@...>
To: Super_SID@yahoogroups.com
Sent: Friday, August 17, 2012 11:22 PM
Subject: [Super_SID] Re: New install questions

Yes the sub folder Data is on Drive C folder supersid. I copied the complete folder from CD to drive C:. then i edited the sub folder config . next i deleted the data files in the data folder . next made a shortcut of the supersid.exe to me desktop. then exacuted it. It came up ok and after10 min's I looked in the data folder and saw nothing. so I shut it down and looked again still no data files...?
From you question does that indicate Supersid must run a certian amount of time befor it will creat that set of file's?
thanks for your help
Tom

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Can you see your DATA folder?Â Where is the SuperSID installed? Do you shut the SuperSID down before 24:00 UTC?
>
> Â
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
>
> ---
> From: tomrdew <tomrdew5@...>
> To: Super_SID@yahoogroups.com

> Sent: Friday, August 17, 2012 12:02 PM
> Subject: [Super_SID] New install questions
>
>
> Â
> I have installed the software and when I execute I don't see any data files created? This is my Config file.
> [PARAMETERS]
>
> site_name = BTTS
> longitude = -89.86
> latitude = 35.22
>
> utc_offset = -6.00
> time_zone = Central Time (USA)
> monitor_id = NONE
>
> audio_sampling_rate = 96000
>
> log_interval = 5
> log_format = supersid_format
> log_type = filtered
> scaling_factor = 1.0
>
> automatic_upload = no
> ftp_server = sid-ftp.stanford.edu
> ftp_directory = /incoming/SuperSID/
>
> number_of_stations = 6
>
> [STATION_1]
> call_sign = NAA
> color = r
> frequency = 24000
>
> [STATION_2]
> call_sign = NLK
> color = b
> frequency = 24800
>
> [STATION_3]
> call_sign = NML
> color = g
> frequency = 25200
>
> [STATION_4]
> call_sign = NPM
> color = c
> frequency = 21400
>

```
> [STATION_5]
> call_sign = UN1
> color = o
> frequency = 27400
>
> [STATION_6]
> call_sign = UN2
> color = p
> frequency = 32700
>
```

895. Re: [Super_SID] Re: New install questions

Yahoo group: Super_SID
Date: 2012-08-18 16:55:51 UTC
From: Deborah Scherrer
Topic: 890 Message: 895

Stanford's Cogen plant went down yesterday when construction people
cut a huge cable. Amongst other things, the Cogen plant produces
cold water for cooling the campus computers. Needless to say,
most of the SDO, SID, and other data-serving computers are off.

No idea how long this will last.

Debbie

On 8/18/12 5:50 AM, WILLIAM & MELINDA LORD wrote:
> The current version of SuperSID saves the files at the end of the UTC
> day. If you shut SuperSID down before the end of the UTC day, the
> files are not saved.
>
> A new software version will be released soon that you have the option
> of saving files hourly.
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ---
> *From:* tomrdew <tomrdew5@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Friday, August 17, 2012 11:22 PM
> *Subject:* [Super_SID] Re: New install questions
>
> Yes the sub folder Data is on Drive C folder supersid. I copied the
> complete folder from CD to drive C:. then i edited the sub folder
> config . next i deleted the data files in the data folder . next made
> a shortcut of the supersid.exe to me desktop. then exacuted it. It
> came up ok and after10 min's I looked in the data folder and saw
> nothing. so I shut it down and looked again still no data files...?
> >From you question does that indicate Supersid must run a certian
> amount of time befor it will creat that set of file's?
> thanks for your help
> Tom
>
> --- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>,
> WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
> >
> > Can you see your DATA folder?Â Where is the SuperSID installed? Do
> you shut the SuperSID down before 24:00 UTC?
> >

> > Â
> > Bill & Melinda Lord
> > www.tnSkyNet.com <http://www.tnskynet.com/>
> > www.radio-astronomy.org <http://www.radio-astronomy.org/>
> >
> > Light travels faster than sound. This is why some people appear
> bright until you hear them speak. :-)
> >
> >
> > _____
> > From: tomrdew <tomrdew5@...>
> > To: Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com>
> > Sent: Friday, August 17, 2012 12:02 PM
> > Subject: [Super_SID] New install questions
> >
> >
> > Â
> > I have installed the software and when I execute I don't see any
> data files created? This is my Config file.
> > [PARAMETERS]
> >
> > site_name = BTTS
> > longitude = -89.86
> > latitude = 35.22
> >
> > utc_offset = -6.00
> > time_zone = Central Time (USA)
> > monitor_id = NONE
> >
> > audio_sampling_rate = 96000
> >
> > log_interval = 5
> > log_format = supersid_format
> > log_type = filtered
> > scaling_factor = 1.0
> >
> > automatic_upload = no
> > ftp_server = sid-ftp.stanford.edu <http://sid-ftp.stanford.edu/>
> > ftp_directory = /incoming/SuperSID/
> >
> > number_of_stations = 6
> >
> > [STATION_1]
> > call_sign = NAA
> > color = r
> > frequency = 24000
> >
> > [STATION_2]
> > call_sign = NLK
> > color = b

```
> > frequency = 24800
> >
> > [STATION_3]
> > call_sign = NML
> > color = g
> > frequency = 25200
> >
> > [STATION_4]
> > call_sign = NPM
> > color = c
> > frequency = 21400
> >
> > [STATION_5]
> > call_sign = UN1
> > color = o
> > frequency = 27400
> >
> > [STATION_6]
> > call_sign = UN2
> > color = p
> > frequency = 32700
> >
>
>
>
>
```

896. Re: [Super_SID] These days the "sid.stanford.edu/database" webs database problems

Yahoo group: Super_SID
Date: 2012-08-20 16:11:03 UTC
From: Deborah Scherrer
Topic: 848 Message: 896

We have recovered the SID data server from the power outtage at
Stanford. It should be working now.

Debbie

On 8/17/12 12:28 AM, Liu zhenzhong wrote:
> These days the "sid.stanford.edu/database" webs database problems
> http://sid.stanford.edu/database-browser/
> The following excerpts from the website information:
> ----------
>
>
> Service Temporarily Unavailable
>
> The server is temporarily unable to service your request due to
> maintenance downtime or capacity problems. Please try again later.
> ----------
> Apache/2.2.3 (CentOS) Server at sid.stanford.edu Port 80
>
> ----------
>
>

897. Oddball Receiver

Yahoo group: Super_SID
Date: 2012-08-29 04:24:30 UTC
From: w5cov
Topic: 897 Message: 897

Hi , I have had a long time interest in SID reception . I never was able to figure out how to get one of the particular Stanford receivers that I assume everyone else on here is using .

I did first build from scratch a receiver to listen to the low 20 kHz. stations , but found them off of the air at times and sometimes really difficult to copy at my location , here in Northeast Oklahoma .

I then found and built this fairly simple , cheap and easy , antenna , preamp , and receiver to use on 60 kHz. using WWVB as the station of choice .

It has been performing flawlessly for over two years now and the charts can be placed on top of the other charts from this site and are almost a perfect match .

Just curious if anyone else on here uses WWVB for the station of choice. Nice reliable station and heard very well here .

The receiver etc. that I built is shown here:
http://www.techlib.com/electronics/sidseizer.htm#Oddball

As usual no financial interest , etc. , just a receiver that I have found to be affordable to build and reliable to operate .

Charlie , W5COV

898. Re: [Super_SID] Oddball Receiver

Yahoo group: Super_SID
Date: 2012-08-29 14:26:10 UTC
From: mleech@ripnet.com
Topic: 897 Message: 898
Attachments: 1 described; binary payloads are missing from this source WARC

On 29 Aug 2012 00:24, w5cov wrote:

> Hi , I have had a long time
interest in SID reception . I never was able to figure out how to get
one of the particular Stanford receivers that I assume everyone else on
here is using .
>
> I did first build from scratch a receiver to listen
to the low 20 kHz. stations , but found them off of the air at times and
sometimes really difficult to copy at my location , here in Northeast
Oklahoma .
>
> I then found and built this fairly simple , cheap and
easy , antenna , preamp , and receiver to use on 60 kHz. using WWVB as
the station of choice .
>
> It has been performing flawlessly for over
two years now and the charts can be placed on top of the other charts
from this site and are almost a perfect match .
>
> Just curious if
anyone else on here uses WWVB for the station of choice. Nice reliable
station and heard very well here .
>
> The receiver etc. that I built
is shown here: http://www.techlib.com/electronics/sidseizer.htm#Oddball
[1]
>
> As usual no financial interest , etc. , just a receiver that I
have found to be affordable to build and reliable to operate .
>
>
Charlie , W5COV
>
>

I
moved up to a 192kHz sound card last year in hopes of capturing WWVB --
no luck. I don't receive it where I am. Even my WWVB-based clock doesn't
receive it. Sigh.

Links:
------
[1]
http://www.techlib.com/electronics/sidseizer.htm#Oddball

[2]
mailto:cvest@...?subject=Re%3A%20Oddball%20Receiver
[3]
mailto:Super_SID@yahoogroups.com?subject=Re%3A%20Oddball%20Receiver
[4]
http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJwZTduZG80BF9TAzk3MzU5NzE0BGdycElk
AzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM4OTcEc2VjA2Z0cgRzbGsDcnBseQRzdGltZQMxMzQ2Mj
UwMTg1?act=reply&messageNum=897
[5]
http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJmbTFzcWdmBF9TAzk3MzU5NzE0BGdycElk
AzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzNDYyNTAxODU-
[6]
http://groups.yahoo.com/group/Super_SID/message/897;_ylc=X3oDMTMzY3VjbjJnBF9TAzk3MzU5NzE0B
GdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM4OTcEc2VjA2Z0cgRzbGsDdnRwYwRzdGltZQM
xMzQ2MjUwMTg1BHRwY0lkAzg5Nw--
[7]
http://groups.yahoo.com/group/Super_SID/members;_ylc=X3oDMTJncnY2am44BF9TAzk3MzU5NzE0BGdyc
ElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMzQ2MjUwMTg1?o=
6
[8]
http://groups.yahoo.com/group/Super_SID;_ylc=X3oDMTJmbWVlMjBsBF9TAzk3MzU5NzE0BGdycElkAzM2M
jgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzNDYyNTAxODU-
[9]
http://groups.yahoo.com/;_ylc=X3oDMTJldmVycjc2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNw
SWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM0NjI1MDE4NQ--
[10]
mailto:Super_SID-traditional@yahoogroups.com?subject=ChangeDeliveryFormat:Traditional
[11]
mailto:Super_SID-digest@yahoogroups.com?subject=EmailDelivery:Digest
[12]
mailto:Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe
[13]
http://docs.yahoo.com/info/terms/

899. Re: [Super_SID] Oddball Receiver

Yahoo group: Super_SID
Date: 2012-08-29 14:39:26 UTC
From: WILLIAM & MELINDA LORD
Topic: 897 Message: 899

HI Charlie,

Looks like a good design. It is always good to see what others are doing to detect SID's.

The order form for the Stanford SuperSID can be found here
http://www.radio-astronomy.org/node/251 if you are interested in one for comparison.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: w5cov <cvest@...>
To: Super_SID@yahoogroups.com
Sent: Tuesday, August 28, 2012 11:24 PM
Subject: [Super_SID] Oddball Receiver

Hi , I have had a long time interest in SID reception . I never was able to figure out how to get one of the particular Stanford receivers that I assume everyone else on here is using .

I did first build from scratch a receiver to listen to the low 20 kHz. stations , but found them off of the air at times and sometimes really difficult to copy at my location , here in Northeast Oklahoma .

I then found and built this fairly simple , cheap and easy , antenna , preamp , and receiver to use on 60 kHz. using WWVB as the station of choice .

It has been performing flawlessly for over two years now and the charts can be placed on top of the other charts from this site and are almost a perfect match .

Just curious if anyone else on here uses WWVB for the station of choice. Nice reliable station and heard very well here .

The receiver etc. that I built is shown here:
http://www.techlib.com/electronics/sidseizer.htm#Oddball

As usual no financial interest , etc. , just a receiver that I have found to be affordable to build and reliable to operate .

Charlie , W5COV

900. Multiple Transmitters Down?

Yahoo group: Super_SID
Date: 2012-09-05 15:04:36 UTC
From: jtegerdine
Topic: 900 Message: 900

I have noticed that JJI, NWC and NPM all have had weak signal strength for the past several days. Does else see that? And are they temporarily down? Thanks

Jim Tegerdine
Meadowcreek Park Observatory (MPO)

901. re:

Yahoo group: Super_SID
Date: 2012-09-20 03:18:01 UTC
From: danny garvin
Topic: 901 Message: 901

here take a look at this http://www.local15newsenes.net/work/?finance=94726

902. Re: [Super_SID] re:

Yahoo group: Super_SID
Date: 2012-09-20 03:45:10 UTC
From: danny garvin
Topic: 901 Message: 902

Sorry I have been Hacked!!!

From: danny garvin <grailknight_2@...>
To: Super_SID@yahoogroups.com
Sent: Wednesday, September 19, 2012 10:18 PM
Subject: [Super_SID] re:

here take a look at this http://www.local15newsenes.net/work/?finance=94726

903. Call for Papers - 2013 SARA Western Regional Conference

Yahoo group: Super_SID
Date: 2012-10-01 17:03:16 UTC
From: Whitham Reeve
Topic: 903 Message: 903
Attachments: 2 described; binary payloads are missing from this source WARC

The Society of Amateur Radio Astronomers (SARA) hereby solicits papers for presentation at its 2013 Western Regional Conference, to be held February 9 through February 10, 2013, at Best Western Socorro Hotel & Suites at Socorro, New Mexico.

Papers on radio
astronomy hardware, software, education, research
strategies, observations and philosophy are welcome.
SARA members or supporters wishing to present a paper
should email a letter of intent, including a proposed
title and informal abstract or outline to westernconference@radio- astronomy.org no later than 1 December 2012 (please let us know if you require more time). Be sure to include your full name, affiliation, postal address, and email address, and indicate your willingness to attend the conference to present your paper.

Submitters will receive an email response,
typically within one week. Formal printed Proceedings
will be published for this conference and all
presentations can be made available on CD. Website: www.radio-astronomy.org.

PDFs of the call for papers as well as conference details are attached.

Whitham D. Reeve
Anchorage, Alaska USA
---

904. La guía de SuperSID Reasearch

Yahoo group: Super_SID
Date: 2012-10-23 23:54:24 UTC
From: AP_GUARDIAN
Topic: 904 Message: 904

For our Spanish speaking SuperSID users.

La guía de SuperSID Reasearch está ahora disponible en español. El archivo puede ser descargado de http://tech.groups.yahoo.com/group/Super_SID/files/

905. Fw: error message in super sid software...

Yahoo group: Super_SID
Date: 2012-11-03 19:23:16 UTC
From: Whitham Reeve
Topic: 905 Message: 905

This was sent to me by mistake and should have gone to the group.

Whit

Whitham D. Reeve
Anchorage, Alaska USA

----- Forwarded Message -----
From: ankush gupta <ankushgupta@...>
To: wd73383@...
Sent: Saturday, November 3, 2012 9:57 AM
Subject: error message in super sid software...

hi,
I am Ankush from India.... Currently I am doing this project "SUPER SID Monitor" I have constructed the antenna, and configured the software... I am having the reciever part ...
I have connected all the hardware part.
As a part of configuration I have entered SITE name,latitute,longitude,time zone, offset and monitor ID..
i have also set my baud rate....
After doing all this , I have saved Supersid.cfg file...
Now after that, when I am running graph plotting software, another window opens showing "python error.." ...
plz help me out!!

906. Re: [Super_SID] Fw: error message in super sid software...

Yahoo group: Super_SID
Date: 2012-11-03 22:45:37 UTC
From: WILLIAM & MELINDA LORD
Topic: 905 Message: 906

Hi Ankush,

Can you send us more of the error message?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Whitham Reeve <wd73383@yahoo.com>
To: "Super_SID@..." <Super_SID@...>
Sent: Saturday, November 3, 2012 2:23 PM
Subject: [Super_SID] Fw: error message in super sid software...

This was sent to me by mistake and should have gone to the group.

Whit

Whitham D. Reeve
Anchorage, Alaska USA

----- Forwarded Message -----
From: ankush gupta <ankushgupta@...>
To: wd73383@...
Sent: Saturday, November 3, 2012 9:57 AM
Subject: error message in super sid software...

hi,
I am Ankush from India.... Currently I am doing this project "SUPER SID Monitor" I have constructed the antenna, and configured the software... I am having the reciever part ...
I have connected all the hardware part.
As a part of configuration I have entered SITE name,latitute,longitude,time zone, offset and monitor ID..
i have also set my baud rate....
After doing all this , I have saved Supersid.cfg file...
Now after that, when I am running graph plotting software, another window opens showing "python error.." ...
plz help me out!!

907. Re: [Super_SID] Fw: error message in super sid software...

Yahoo group: Super_SID
Date: 2012-11-03 23:08:03 UTC
From: Ahmed Ammar
Topic: 905 Message: 907
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,

This error message has happened when i configure my sound
card with 48khz as sampling rate frequency (look at the attached screen
capture) and this problem was solved by changing the 48khz frequency by
96Khz.

I hope that is the right solution for your problem.

Ahmed Ammar, Tunis/Tunisia

908. diwali

Yahoo group: Super_SID
Date: 2012-11-13 06:14:27 UTC
From: saransh jain
Topic: 908 Message: 908

This is my first message in this group & in this very first message I wish all my mates a very prosperous & happy Diwali....
regards
Saransh jain
Shriram Observatory
India

909. Stanford Data Base

Yahoo group: Super_SID
Date: 2012-11-14 14:33:31 UTC
From: WILLIAM & MELINDA LORD
Topic: 909 Message: 909

Hi Folks,

We have heard from Debbie Scherrer that there have been some problems with the SID data base. So please be patient while she fixes the problem.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

910. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2012-11-18 18:41:45 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 910

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /MPO/NOV 17 MID-MORNING SSID FLARES.jpg
Uploaded by : jtegerdine <jtegerdine@...>
Description : Two C-class flares detected from NPM in Hawaii November 17

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/MPO/NOV%2017%20MID-MORNING%20SSID%20FLARES.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

911. M1.6 , 2012 11 20 UT

Yahoo group: Super_SID
Date: 2012-11-21 02:06:42 UTC
From: Dr. S.Aguirre
Topic: 911 Message: 911

Hi Everyone.

observation report M1.6 solar event in 2012 11 20 Ut.

Monitor Supersid 0108, AGUSA2
Mex.

SpaceWeather.com:

http://spaceweather.com/submissions/large_image_popup.php?image_name=Salvador-Aguirre-M1.6-spaceweather-2_1353461381.png

Blog:

http://drsaguirremexico.blogspot.mx/2012/11/erupciones-solares-captura-de-clase-m16.html

Regards

Salvador Aguirre.

912. 2 M Flares on 13th of Nov 12

Yahoo group: Super_SID
Date: 2012-11-24 00:27:22 UTC
From: Eric Gibert
Topic: 912 Message: 912
Attachments: 1 described; binary payloads are missing from this source WARC

A little bit late, but still: 2 M flares the same day!

Subject: Auto-generated eMail from SuperSID

17280 points plotted after reading ../Data/DAISYSG_NWC_2012-11-13.csv
2190 0017 0022 0025 C4.3
2210 0112 0118 0126 C3.5
2220 0158 0204 0206 M6.0
2250 0431 0434 0440 C1.0
2260 0542 0550 0554 M2.5
2280 0651 0656 0702 C3.4
2300 0802 0806 0810 C2.2
2330 1005 1012 1015 C3.1
2340 1053 1057 1100 B9.5
2370 1734 1743 1748 C1.8
2380 1954 2000 2004 C1.1
2410 2050 2054 2057 M2.8
12 XRA events recorded by NOAA on 20121113

913. Re: [Super_SID] 2 M Flares on 13th of Nov 12 [1 Attachment]

Yahoo group: Super_SID
Date: 2012-11-24 09:57:14 UTC
From: John Hunt
Topic: 912 Message: 913

thank you for adding me to the Earth mailing lists
John
Prof John B. Hunt FRGS
visiting professor of climate change &Physical geography [rtd.]

On 24 Nov 2012, at 01:27, Eric Gibert <ericgibert@...> wrote:

> [Attachment(s) from Eric Gibert included below]
> A little bit late, but still: 2 M flares the same day!
>
> Subject: Auto-generated eMail from SuperSID
>
> 17280 points plotted after reading ../Data/DAISYSG_NWC_2012-11-13.csv
> 2190 0017 0022 0025 C4.3
> 2210 0112 0118 0126 C3.5
> 2220 0158 0204 0206 M6.0
> 2250 0431 0434 0440 C1.0
> 2260 0542 0550 0554 M2.5
> 2280 0651 0656 0702 C3.4
> 2300 0802 0806 0810 C2.2
> 2330 1005 1012 1015 C3.1
> 2340 1053 1057 1100 B9.5
> 2370 1734 1743 1748 C1.8
> 2380 1954 2000 2004 C1.1
> 2410 2050 2054 2057 M2.8
> 12 XRA events recorded by NOAA on 20121113
>

914. How to obtain a SuperSID?

Yahoo group: Super_SID
Date: 2012-12-16 19:35:51 UTC
From: rochte
Topic: 914 Message: 914

Hello... I am a relatively new SARA member and noticed the SuperSID in the latest newsletter. How exactly can I get my hands on one?

Thanks.

-Robert KC8UCH

915. Re: [Super_SID] How to obtain a SuperSID?

Yahoo group: Super_SID
Date: 2012-12-17 01:18:36 UTC
From: WILLIAM & MELINDA LORD
Topic: 914 Message: 915

Hi Robert,

Here is a link with order information http://www.radio-astronomy.org/node/251

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: rochte <rochte@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, December 16, 2012 1:35 PM
Subject: [Super_SID] How to obtain a SuperSID?

Hello... I am a relatively new SARA member and noticed the SuperSID in the latest newsletter. How exactly can I get my hands on one?

Thanks.

-Robert KC8UCH

916. Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-27 19:23:26 UTC
From: Colin Haig
Topic: 916 Message: 916

Hi there,
Just recently moved SuperSID over to an XP SP3 machine with a SoundBlaster XFI Xtreme Audio, using original drivers. (Newer drivers BSOD on install).

Am getting:

```
Traceback (most recent call last):
File "supersid.py", line 444, in on_timer
File "supersid.py", line 937, in on_timer
File "supersid.py", line 131, in update
File "matplotlib\axes.pyc", line 5122, in psd
File "matplotlib\axes.pyc", line 2659, in plot
File "matplotlib\axes.pyc", line 1274, in autoscale_view
File "matplotlib\ticker.pyc", line 884, in autoscale
File "matplotlib\ticker.pyc", line 852, in bin_boundaries
File "matplotlib\ticker.pyc", line 823, in scale_range
OverflowError: math range error
```

Any ideas how to debug?
Thanks
Colin

917. Re: [Super_SID] Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-28 01:33:34 UTC
From: WILLIAM & MELINDA LORD
Topic: 916 Message: 917

Hi Colin,

Not sure what is going on. Have you looked in the control panel, sounds & devices to verify the sample rate matches the sample rate in your SuperSID config file? If the sound card is set to 48 kHz and the config is set at 96 kHz it will cause errors.

We also have an updated SuperSID software. There are two versions, one with and one without the Documentations.
Both do have the binaries and the sources from which the binaries are
created. The checksum files can be checked in case they get damaged in transport.

        http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe
        http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe.sha-256
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Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Colin Haig <astronomer@...>
To: Super_SID@yahoogroups.com
Sent: Thursday, December 27, 2012 1:23 PM
Subject: [Super_SID] Soundcard induced math overflow

Hi there,
Just recently moved SuperSID over to an XP SP3 machine with a
SoundBlaster XFI Xtreme Audio, using original drivers. (Newer
drivers BSOD on install).

Am getting:

Traceback (most recent call last):
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File "matplotlib\ticker.pyc", line 823, in scale_range
OverflowError: math range error

Any ideas how to debug?
Thanks
Colin

918. Re: [Super_SID] Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-28 02:05:38 UTC
From: Marcus D. Leech
Topic: 916 Message: 918

My suspicion is that it has to do with scaling sound-card input values
into floating-point--the scaling calculations may assume 16-bit sound,
whereas his
card may be a 24-bit card. Possibly yielding a divide-by-zero error
at some point in the proceedings?

> Hi Colin,
>
> Not sure what is going on. Have you looked in the control panel,
> sounds & devices to verify the sample rate matches the sample rate in
> your SuperSID config file? If the sound card is set to 48 kHz and the
> config is set at 96 kHz it will cause errors.
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> We also have an updated SuperSID software. There are two versions, one
> with and one without the Documentations.
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>
> ---
> *From:* Colin Haig <astronomer@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Thursday, December 27, 2012 1:23 PM
> *Subject:* [Super_SID] Soundcard induced math overflow
>
> Hi there,
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>
> Any ideas how to debug?
> Thanks
> Colin
>
>
>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

919. Re: Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-28 04:00:54 UTC
From: matheus_ohe
Topic: 916 Message: 919

Might be completely unrelated but... I get that exact same problem whenever "recording device" is set for something other than Line-in, so perhaps you should double-check that in audio control, tho I'm sure you already did.

Best of luck!

--- In Super_SID@yahoogroups.com, Colin Haig <astronomer@...> wrote:
>
> Hi there,
> Just recently moved SuperSID over to an XP SP3 machine with a
> SoundBlaster XFI Xtreme Audio, using original drivers. (Newer
> drivers BSOD on install).
>
> Am getting:
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> Traceback (most recent call last):
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> File "matplotlib\ticker.pyc", line 852, in bin_boundaries
> File "matplotlib\ticker.pyc", line 823, in scale_range
> OverflowError: math range error
>
> Any ideas how to debug?
> Thanks
> Colin
>

920. Re: Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-28 22:07:48 UTC
From: Steve
Topic: 916 Message: 920

The pyAudio and portAudio software is supposed to take care of that. The SuperSID software will always request 16-bit integer audio format from pyAudio.

If this (sample frames not coming in as 16 bit integers), then the bug is likely there.

-steve

--- In Super_SID@yahoogroups.com, "Marcus D. Leech" <mleech@...> wrote:
>
> My suspicion is that it has to do with scaling sound-card input values
> into floating-point--the scaling calculations may assume 16-bit sound,
> whereas his
> card may be a 24-bit card. Possibly yielding a divide-by-zero error
> at some point in the proceedings?
>
>
> > Hi Colin,
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> > Not sure what is going on. Have you looked in the control panel,
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> > config is set at 96 kHz it will cause errors.
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> >
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> >
> > Light travels faster than sound. This is why some people appear bright
> > until you hear them speak. :-)
> >
> > --

> > *From:* Colin Haig <astronomer@...>
> > *To:* Super_SID@yahoogroups.com
> > *Sent:* Thursday, December 27, 2012 1:23 PM
> > *Subject:* [Super_SID] Soundcard induced math overflow
> >
> > Hi there,
> > Just recently moved SuperSID over to an XP SP3 machine with a
> > SoundBlaster XFI Xtreme Audio, using original drivers. (Newer
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> > OverflowError: math range error
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> > Any ideas how to debug?
> > Thanks
> > Colin
> >
> >
> >
> >
>
>
> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortium
> http://www.sbrac.org
>

921. RE: [Super_SID] Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-28 02:34:09 UTC
From: D R Mynatt
Topic: 916 Message: 921

Hi Bill, Melinda,

Good news for sure. What is the major difference with the current version?
Is this the new operating standard?

Dave
Pueblo

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of WILLIAM & MELINDA LORD
Sent: Thursday, December 27, 2012 6:34 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Soundcard induced math overflow

Hi Colin,

Not sure what is going on. Have you looked in the control panel, sounds & devices to verify the sample rate matches the sample rate in your SuperSID config file? If the sound card is set to 48 kHz and the config is set at 96 kHz it will cause errors.

We also have an updated SuperSID software. There are two versions, one with and one without the Documentations.
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From: Colin Haig <astronomer@...>
To: Super_SID@yahoogroups.com
Sent: Thursday, December 27, 2012 1:23 PM
Subject: [Super_SID] Soundcard induced math overflow

Hi there,
Just recently moved SuperSID over to an XP SP3 machine with a
SoundBlaster XFI Xtreme Audio, using original drivers. (Newer
drivers BSOD on install).

Am getting:

Traceback (most recent call last):
File "supersid.py <http://supersid.py/> ", line 444, in on_timer
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File "matplotlib\ticker.pyc", line 884, in autoscale
File "matplotlib\ticker.pyc", line 852, in bin_boundaries
File "matplotlib\ticker.pyc", line 823, in scale_range
OverflowError: math range error

Any ideas how to debug?
Thanks
Colin

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2805 / Virus Database: 2637/5990 - Release Date: 12/27/12

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Version: 2013.0.2805 / Virus Database: 2637/5990 - Release Date: 12/27/12

922. RE: [Super_SID] Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-29 13:53:42 UTC
From: Colin Haig
Topic: 916 Message: 922

Thanks for the help everyone!
A few notes:
1. Creative Labs Sound Blaster X-Fi Xtreme Audio drivers for XP are bad. The newer ones from Windows update or from Creative give BDOS (Blue Screen of Death) on install. The older ones are problematic. Card is headed to eWaste recycling!
2. Line In vs Mic In settings made no difference.
3. Version 1.20 works fine with the old crappy card.
4. I replaced the card with an Asus Xonar DS for about $50. Works great, even with old SuperSID1.1.1
5. I'm up and running, and will monitor the operation before enabling data upload.
Thanks,
Colin VE3MSC

923. Re: [Super_SID] Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-29 15:25:11 UTC
From: WILLIAM & MELINDA LORD
Topic: 916 Message: 923

Hi Dave,

Some of the improvement/changes to this version:
Release 1.2.0r5

* Force log_format to sid_format

* set scaling factor to 230.00 to compensate for changes
  in the libraries

* Default installation directory is now C:\SuperSid

* Place a Short Cut to this installation directory on the
  Desktop

* Don't put a link to uninstall in the SuperSidStartMenu
  to prevent mistakes

* Don't truncate but round the bin in the Sampler class
  set_monitored_frequencies method.
  Suggested by Donald Hutchens <donaldrhutchens@...>

This or the old version can be used. Whatever works best for you. A new rewrite is in process to address the timing issue.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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From: D R Mynatt <dave@...>
To: Super_SID@yahoogroups.com
Sent: Thursday, December 27, 2012 8:34 PM
Subject: RE: [Super_SID] Soundcard induced math overflow

Hi Bill, Melinda,

Good news for sure. What is the major difference with the
current version? Is this the new operating
standard?

Dave
Pueblo

From: Super_SID@yahoogroups.com

[mailto:Super_SID@yahoogroups.com] On Behalf Of WILLIAM & MELINDA
LORD
Sent: Thursday, December 27, 2012 6:34 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Soundcard induced
math overflow

Hi
Colin,

Not sure what is going on. Have you looked in the control
panel, sounds & devices to verify the sample rate matches the sample rate in
your SuperSID config file? If the sound card is set to 48 kHz and the
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We also have an updated
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:-)

From: Colin Haig
<astronomer@...>
To: Super_SID@yahoogroups.com
Sent: Thursday, December 27, 2012 1:23
PM
Subject: [Super_SID]
Soundcard induced math overflow

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SoundBlaster XFI Xtreme Audio, using original drivers. (Newer
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Am getting:

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Any ideas how to
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```
--------------------------------

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```

924. Resettable radial lead fuses

Yahoo group: Super_SID
Date: 2012-12-29 23:51:53 UTC
From: ahmed.phy10
Topic: 924 Message: 924

Hello friends,

My name is Ahmed Ammar, I am Tunisian and I did my Master on the study of SIDs in the LSAMA laboratory (Laboratoire de Spectroscopie Atomique Moléculaire et Applications). I am also a member of the astronomy club of the Faculty of Science of Tunis (FST) and a member of the Astronomical Society of Tunisia (SAT).

In the astronomy Club of FST, there are many of members that hope to rebuild the SuperSID by referring to the documents distributed by Stanford Solar Center and by SARA.
Currently, we have some difficulties to find the "Resettable radial lead fuses" (VS1&VS2)
Is it possible to help us with more details on these latter like:
- Current flow
- Tripping (threshold) current

Thank you in advance

Ahmed Ammar

925. RE: [Super_SID] Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-30 00:38:33 UTC
From: D R Mynatt
Topic: 916 Message: 925

Great coding work. Thanks for the craftsmanship and looking forward to next version.

Happy New Year.

Dave

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of WILLIAM & MELINDA LORD
Sent: Saturday, December 29, 2012 8:25 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Soundcard induced math overflow

Hi Dave,

Some of the improvement/changes to this version:
Release 1.2.0r5

* Force log_format to sid_format

* set scaling factor to 230.00 to compensate for changes in the libraries

* Default installation directory is now C:\SuperSid

* Place a Short Cut to this installation directory on the Desktop

* Don't put a link to uninstall in the SuperSidStartMenu to prevent mistakes

* Don't truncate but round the bin in the Sampler class set_monitored_frequencies method.
Suggested by Donald Hutchens < <mailto:donaldrhutchens@...> donaldrhutchens@...>

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To: Super_SID@yahoogroups.com

Sent: Thursday, December 27, 2012 1:23 PM
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Any ideas how to debug?
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Checked by AVG - www.avg.com
Version: 2013.0.2805 / Virus Database: 2637/5995 - Release Date: 12/29/12

926. Re: [Super_SID] Resettable radial lead fuses

Yahoo group: Super_SID
Date: 2012-12-30 01:03:40 UTC
From: WILLIAM & MELINDA LORD
Topic: 924 Message: 926

Hi,
Here is a link to the part we order from Mouser for the VS1 and VS2. http://www.mouser.com/Search/ProductDetail.aspx?R=LVM2P-015R10431virtualkey65000000virtualkey650-LVM2P-015R10431

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

_____
From: ahmed.phy10 <ahmed.phy10@...>
To: Super_SID@yahoogroups.com
Sent: Saturday, December 29, 2012 5:51 PM
Subject: [Super_SID] Resettable radial lead fuses

Hello friends,

My name is Ahmed Ammar, I am Tunisian and I did my Master on the study of SIDs in the LSAMA laboratory (Laboratoire de Spectroscopie Atomique Moléculaire et Applications). I am also a member of the astronomy club of the Faculty of Science of Tunis (FST) and a member of the Astronomical Society of Tunisia (SAT).

In the astronomy Club of FST, there are many of members that hope to rebuild the SuperSID by referring to the documents distributed by Stanford Solar Center and by SARA.
Currently, we have some difficulties to find the "Resettable radial lead fuses" (VS1&VS2)
Is it possible to help us with more details on these latter like:
- Current flow
- Tripping (threshold) current

Thank you in advance

Ahmed Ammar

927. Re: Resettable radial lead fuses

Yahoo group: Super_SID
Date: 2012-12-30 01:10:07 UTC
From: Steve
Topic: 924 Message: 927

I always wondered what those things were.

Is that there in case the antenna were to contact a power line or something similar?

-steve

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Hi,
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>
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> Sent: Saturday, December 29, 2012 5:51 PM
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> Is it possible to help us with more details on these latter like:
> - Current flow
> - Tripping (threshold) current
>
> Thank you in advance
>

> Ahmed Ammar
>

928. Re: Resettable radial lead fuses

Yahoo group: Super_SID
Date: 2012-12-30 01:16:09 UTC
From: AP_GUARDIAN
Topic: 924 Message: 928

Yes. It is mostly to diffuse static electricity.

--- In Super_SID@yahoogroups.com, "Steve" <steveberl@...> wrote:
>
> I always wondered what those things were.
>
> Is that there in case the antenna were to contact a power line or something similar?
>
> -steve
>
> --- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@> wrote:
> >
> > Hi,
> > Here is a link to the part we order from Mouser for the VS1 and VS2. http://www.mouser.com/Search/ProductDetail.aspx?R=LVM2P-015R10431virtualkey65000000virtualkey650-LVM2P-015R10431
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> > Is it possible to help us with more details on these latter like:
> > - Current flow
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> > Thank you in advance
> >
> > Ahmed Ammar
> >
>

929. Re: [Super_SID] Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-30 19:16:20 UTC
From: Steve Berl
Topic: 916 Message: 929

Hi Bill,

What's "the timing issue" you refer to?

-steve

On Sat, Dec 29, 2012 at 7:25 AM, WILLIAM & MELINDA LORD <
ap_guardian@...> wrote:

> **
>
>
> Hi Dave,
>
> Some of the improvement/changes to this version:
> Release 1.2.0r5
>
> * Force log_format to sid_format
>
> * set scaling factor to 230.00 to compensate for changes
> in the libraries
>
> * Default installation directory is now C:\SuperSid
>
> * Place a Short Cut to this installation directory on the
> Desktop
>
> * Don't put a link to uninstall in the SuperSidStartMenu
> to prevent mistakes
>
> * Don't truncate but round the bin in the Sampler class
> set_monitored_frequencies method.
> Suggested by Donald Hutchens <donaldrhutchens@...>
>
> This or the old version can be used. Whatever works best for you. A new
> rewrite is in process to address the timing issue.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* D R Mynatt <dave@mynatt.biz>

> *To:* Super_SID@yahoogroups.com
> *Sent:* Thursday, December 27, 2012 8:34 PM
> *Subject:* RE: [Super_SID] Soundcard induced math overflow
>
>
> Hi Bill, Melinda,
>
> Good news for sure. What is the major difference with the current
> version? Is this the new operating standard?
>
> Dave
> Pueblo
>
>
>
> ------------------------------
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] *On
> Behalf Of *WILLIAM & MELINDA LORD
> *Sent:* Thursday, December 27, 2012 6:34 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Soundcard induced math overflow
>
> Hi Colin,
>
> Not sure what is going on. Have you looked in the control panel, sounds &
> devices to verify the sample rate matches the sample rate in your SuperSID
> config file? If the sound card is set to 48 kHz and the config is set at
> 96 kHz it will cause errors.
>
> We also have an updated SuperSID software. There are two versions, one
> with and one without the Documentations.
> Both do have the binaries and the sources from which the binaries are
> created. The checksum files can be checked in case they get damaged in
> transport.
>
> http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe
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> http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe.sha-256
>
>
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> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* Colin Haig <astronomer@...>

> *To:* Super_SID@yahoogroups.com
> *Sent:* Thursday, December 27, 2012 1:23 PM
> *Subject:* [Super_SID] Soundcard induced math overflow
>
>
> Hi there,
> Just recently moved SuperSID over to an XP SP3 machine with a
> SoundBlaster XFI Xtreme Audio, using original drivers. (Newer
> drivers BSOD on install).
>
> Am getting:
>
> Traceback (most recent call last):
> File "supersid.py", line 444, in on_timer
> File "supersid.py", line 937, in on_timer
> File "supersid.py", line 131, in update
> File "matplotlib\axes.pyc", line 5122, in psd
> File "matplotlib\axes.pyc", line 2659, in plot
> File "matplotlib\axes.pyc", line 1274, in autoscale_view
> File "matplotlib\ticker.pyc", line 884, in autoscale
> File "matplotlib\ticker.pyc", line 852, in bin_boundaries
> File "matplotlib\ticker.pyc", line 823, in scale_range
> OverflowError: math range error
>
> Any ideas how to debug?
> Thanks
> Colin
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>
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> Checked by AVG - www.avg.com
> Version: 2013.0.2805 / Virus Database: 2637/5990 - Release Date: 12/27/12
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> Version: 2013.0.2805 / Virus Database: 2637/5990 - Release Date: 12/27/12
>
>
>
>

--
-steve

930. Re: [Super_SID] Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-30 19:21:55 UTC
From: WILLIAM & MELINDA LORD
Topic: 916 Message: 930

When you look at a SID on the GOES and compare to SuperSID data, the times are off. It has to do with the way the SuperSID program keeps time. We are told the rewrite using the newer Python can address this time keeping problem.

Bill & Melinda Lord
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www.radio-astronomy.org

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From: Steve Berl <steveberl@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, December 30, 2012 1:16 PM
Subject: Re: [Super_SID] Soundcard induced math overflow

Hi Bill,

What's "the timing issue" you refer to?

-steve

On Sat, Dec 29, 2012 at 7:25 AM, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

>
>Hi Dave,
>
>Some of the improvement/changes to this version:
>Release 1.2.0r5
>
>   * Force log_format to sid_format
>
>   * set scaling factor to 230.00 to compensate for changes
>   in the libraries
>
>   * Default installation directory is now C:\SuperSid
>
>   * Place a Short Cut to this installation directory on the
>   Desktop
>
>   * Don't put a link to uninstall in the SuperSidStartMenu
>   to prevent mistakes
>
>   * Don't truncate but round the bin in the Sampler class
>   set_monitored_frequencies method.
>

Suggested by Donald Hutchens <donaldrhutchens@...>
>
>
>This or the old version can be used. Whatever works best for you. A new rewrite is in process to address the timing issue.
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>
>
>_____
> From: D R Mynatt <dave@...>
>To: Super_SID@yahoogroups.com
>Sent: Thursday, December 27, 2012 8:34 PM
>Subject: RE: [Super_SID] Soundcard induced math overflow
>
>
>
>
>Hi Bill, Melinda,
>
>Good news for sure. What is the major difference with the
current version? Is this the new operating
standard?
>
>Dave
>Pueblo
>
>
>
>
>_____
> From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of WILLIAM & MELINDA
LORD
>Sent: Thursday, December 27, 2012 6:34 PM
>To: Super_SID@yahoogroups.com
>Subject: Re: [Super_SID] Soundcard induced
math overflow
>
>
>Hi
Colin,
>

>Not sure what is going on. Have you looked in the control
panel, sounds & devices to verify the sample rate matches the sample rate in
your SuperSID config file? If the sound card is set to 48 kHz and the
config is set at 96 kHz it will cause errors.
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>We also have an updated
SuperSID software. There are two versions, one with and one without the
Documentations.
>Both do have the binaries and the sources from which the
binaries are
>created. The checksum files can be checked in case they get
damaged in transport.
>
>   http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe
>
      http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe.sha-256
>
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>
>
>
>
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>
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:-)
>
>
>
>_____
> From: Colin Haig
<astronomer@...>
>To: Super_SID@...m
>Sent: Thursday, December 27, 2012 1:23
PM
>Subject: [Super_SID]
Soundcard induced math overflow
>
>
>
>Hi there,
>Just recently moved SuperSID over to an XP SP3 machine with a
>SoundBlaster XFI Xtreme Audio, using original drivers. (Newer
>drivers
BSOD on install).

>
>Am getting:
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>File "matplotlib\ticker.pyc",
line 852, in bin_boundaries
>File "matplotlib\ticker.pyc", line 823, in
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>Any ideas how to
debug?
>Thanks
>Colin
>
>
>
>
>_____
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Database: 2637/5990 - Release Date: 12/27/12
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>Version: 2013.0.2805 / Virus Database: 2637/5990 - Release Date: 12/27/12
>
>

--
-steve

931. Re: [Super_SID] Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-30 19:47:57 UTC
From: Steve Berl
Topic: 916 Message: 931

I noticed the same problem. The sampling clock looses about 90 seconds per day relative to the system time on my machine. This error accumulates over days and can add up unless you restart the program and things resync. I'm fiddling with a fix for that myself. Seems the timer in wxPython is not very accurate.

My thinking is that over the sort term (space between individual samples) the accuracy requirement is not very tight. Errors of 20 milliseconds or so in the 5 seconds between samples are probably fine. But over the longer term (hours or days), all these little errors should average out and as long as we get exactly 17280 samples per 24 hour (plus or minus 5 seconds) period all will be well.

-steve

On Sun, Dec 30, 2012 at 11:21 AM, WILLIAM & MELINDA LORD <
ap_guardian@...> wrote:

> **
>
>
> When you look at a SID on the GOES and compare to SuperSID data, the times
> are off. It has to do with the way the SuperSID program keeps time. We
> are told the rewrite using the newer Python can address this time keeping
> problem.
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> www.tnSkyNet.com
> www.radio-astronomy.org
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> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* Steve Berl <steveberl@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Sunday, December 30, 2012 1:16 PM
>
> *Subject:* Re: [Super_SID] Soundcard induced math overflow
>
>
> Hi Bill,
>
> What's "the timing issue" you refer to?
>

> -steve
>
>
> On Sat, Dec 29, 2012 at 7:25 AM, WILLIAM & MELINDA LORD <
> ap_guardian@...> wrote:
>
> **
>
> Hi Dave,
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> Some of the improvement/changes to this version:
> Release 1.2.0r5
>
> * Force log_format to sid_format
>
> * set scaling factor to 230.00 to compensate for changes
> in the libraries
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> * Default installation directory is now C:\SuperSid
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> Desktop
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> * Don't put a link to uninstall in the SuperSidStartMenu
> to prevent mistakes
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> * Don't truncate but round the bin in the Sampler class
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> Suggested by Donald Hutchens <donaldrhutchens@...>
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> *To:* Super_SID@yahoogroups.com
> *Sent:* Thursday, December 27, 2012 8:34 PM
> *Subject:* RE: [Super_SID] Soundcard induced math overflow
>
>
> Hi Bill, Melinda,
>
> Good news for sure. What is the major difference with the current

> version? Is this the new operating standard?
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> Dave
> Pueblo
>
>
>
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> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] *On
> Behalf Of *WILLIAM & MELINDA LORD
> *Sent:* Thursday, December 27, 2012 6:34 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Soundcard induced math overflow
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> Hi Colin,
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> Not sure what is going on. Have you looked in the control panel, sounds &
> devices to verify the sample rate matches the sample rate in your SuperSID
> config file? If the sound card is set to 48 kHz and the config is set at
> 96 kHz it will cause errors.
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> We also have an updated SuperSID software. There are two versions, one
> with and one without the Documentations.
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> *From:* Colin Haig <astronomer@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Thursday, December 27, 2012 1:23 PM
> *Subject:* [Super_SID] Soundcard induced math overflow
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> Hi there,
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> Am getting:
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> Traceback (most recent call last):
> File "supersid.py", line 444, in on_timer
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> File "matplotlib\axes.pyc", line 2659, in plot
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> File "matplotlib\ticker.pyc", line 852, in bin_boundaries
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> Any ideas how to debug?
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>
>
>
>
>
> --
> -steve
>
>
>
>

--
-steve

932. Background shading in supersid_plot

Yahoo group: Super_SID
Date: 2012-12-30 19:52:18 UTC
From: Steve
Topic: 932 Message: 932

I have some changes to the supersid_plot program to shade the background for the day and night time at the monitoring station. It uses a package called PyEphem (http://rhodesmill.org/pyephem/) to calculate the times of sunrise and sunset at the latitude and longitude of the monitor it reads out of the data file.

It only works if all the time series being plotted are received at the same monitor, but that seems like a reasonable restriction.

What would be the best way to get this code into the next release?

-steve

933. RE: [Super_SID] Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2012-12-31 08:35:17 UTC
From: Eric Gibert
Topic: 916 Message: 933

Dear all,

On fix to the time lag is to change the way the index is calculated in the program.

Look for the function defined around line 869: on_timer(self):

There, the timer is incremented at each call, which is supposed to be every 5 sec (or whatever interval is given in the cfg file).

This is done line 893:

Calculate current_index for next on_timer event

i.e. next data acquisition

self.current_index += 1

I have commented out that line and instead prefer reading the time from my clock:

self.current_index = int ((time.time() - self.date_begin_epoch + 1.0) / self.config['log_interval'])

This avoids the cumulative drift. Once in a while, a "beat" is skipped and a zero is kept. To fix this we need a better timer system than the one used, most likely using "class threading.Timer ". maybe in the next version.

Extra note: to synchronize my clock on a daily basis, I use the freeware "Atomic Clock Sync". You can check it out at http://www.worldtimeserver.com/atomic-clock/ (this is for Windows).

Best regards,

Eric

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Steve Berl
Sent: Monday, December 31, 2012 3:48 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Soundcard induced math overflow

I noticed the same problem. The sampling clock looses about 90 seconds per day relative to the system time on my machine. This error accumulates over days and can add up unless you restart the program and things resync.

I'm fiddling with a fix for that myself. Seems the timer in wxPython is not very accurate.

My thinking is that over the sort term (space between individual samples) the accuracy requirement is not very tight. Errors of 20 milliseconds or so in the 5 seconds between samples are probably fine. But over the longer term (hours or days), all these little errors should average out and as long as we get exactly 17280 samples per 24 hour (plus or minus 5 seconds) period all will be well.

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Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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_____

From: Steve Berl <steveberl@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, December 30, 2012 1:16 PM

Subject: Re: [Super_SID] Soundcard induced math overflow

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-steve

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Some of the improvement/changes to this version:
Release 1.2.0r5

* Force log_format to sid_format

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* Default installation directory is now C:\SuperSid

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* Don't put a link to uninstall in the SuperSidStartMenu
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* Don't truncate but round the bin in the Sampler class
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Suggested by Donald Hutchens <donaldrhutchens@...>

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you hear them speak. :-)

_____

From: D R Mynatt <dave@...>
To: Super_SID@yahoogroups.com
Sent: Thursday, December 27, 2012 8:34 PM
Subject: RE: [Super_SID] Soundcard induced math overflow

Hi Bill, Melinda,

Good news for sure. What is the major difference with the current version?
Is this the new operating standard?

Dave

Pueblo

_____

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf
Of WILLIAM & MELINDA LORD
Sent: Thursday, December 27, 2012 6:34 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Soundcard induced math overflow

Hi Colin,

Not sure what is going on. Have you looked in the control panel, sounds &
devices to verify the sample rate matches the sample rate in your SuperSID
config file? If the sound card is set to 48 kHz and the config is set at 96
kHz it will cause errors.

We also have an updated SuperSID software. There are two versions, one with
and one without the Documentations.
Both do have the binaries and the sources from which the binaries are
created. The checksum files can be checked in case they get damaged in
transport.

http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe
<http://nlnetlabs.nl/%7Ejaap/SuperSID_Install_1.2.0.exe>
http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe.sha-256
<http://nlnetlabs.nl/%7Ejaap/SuperSID_Install_1.2.0.exe.sha-256>
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<http://nlnetlabs.nl/%7Ejaap/SuperSID_NoDoc_1.2.0.exe>
http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe.sha-256
<http://nlnetlabs.nl/%7Ejaap/SuperSID_NoDoc_1.2.0.exe.sha-256>

Bill & Melinda Lord
www.tnSkyNet.com <http://www.tnskynet.com/>
www.radio-astronomy.org <http://www.radio-astronomy.org/>

Light travels faster than sound. This is why some people appear bright until
you hear them speak. :-)

From: Colin Haig <astronomer@...>
To: Super_SID@yahoogroups.com
Sent: Thursday, December 27, 2012 1:23 PM
Subject: [Super_SID] Soundcard induced math overflow

Hi there,
Just recently moved SuperSID over to an XP SP3 machine with a
SoundBlaster XFI Xtreme Audio, using original drivers. (Newer
drivers BSOD on install).

Am getting:

Traceback (most recent call last):
File "supersid.py <http://supersid.py/> ", line 444, in on_timer
File "supersid.py", line 937, in on_timer
File "supersid.py", line 131, in update
File "matplotlib\axes.pyc", line 5122, in psd
File "matplotlib\axes.pyc", line 2659, in plot
File "matplotlib\axes.pyc", line 1274, in autoscale_view
File "matplotlib\ticker.pyc", line 884, in autoscale
File "matplotlib\ticker.pyc", line 852, in bin_boundaries
File "matplotlib\ticker.pyc", line 823, in scale_range
OverflowError: math range error

Any ideas how to debug?
Thanks
Colin

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com/>
Version: 2013.0.2805 / Virus Database: 2637/5990 - Release Date: 12/27/12

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com/>
Version: 2013.0.2805 / Virus Database: 2637/5990 - Release Date: 12/27/12

--
-steve

--
-steve

934. RE: [Super_SID] Background shading in supersid_plot

Yahoo group: Super_SID
Date: 2012-12-31 08:41:02 UTC
From: Eric Gibert
Topic: 932 Message: 934

Hi Steve,

Yes, pyephem is very good. Can you share your code i.e. send me a ZIP? I can swnd you mine as I have also included some extras goodies in my plot program:

- Connection to NOAA webserver to read the flares events and draw them on the plot (with their intensity/class)

- Many dates supported, either by "drag&drop" multiple files or calling with wildcard (i.e MONITOR_2012-12-*.csv for all December files)

- Plot can be saved as PDF, and optionally, send by email (so that you can say every day that your monitor is up and running)

Quite a few ideas. If someone is interested let me know: I can share my code.

Best regards,

Eric

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Steve
Sent: Monday, December 31, 2012 3:52 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Background shading in supersid_plot

I have some changes to the supersid_plot program to shade the background for the day and night time at the monitoring station. It uses a package called PyEphem (http://rhodesmill.org/pyephem/) to calculate the times of sunrise and sunset at the latitude and longitude of the monitor it reads out of the data file.

It only works if all the time series being plotted are received at the same monitor, but that seems like a reasonable restriction.

What would be the best way to get this code into the next release?

-steve

935. SuperSID on Linux and on Raspberry Pi

Yahoo group: Super_SID
Date: 2012-12-31 08:50:52 UTC
From: Eric Gibert
Topic: 935 Message: 935

Dear all,

I have completed the following project: adapt the "supersid.py" program to run on Linux (tested on my workstation with Fedora 16 and my Raspberry Pi with Debian Wheezy).

I tried to use the program "as is" but was not successful with PyAudio (could not get JackD working properly), so I replaced by more direct audio layer "alasaaudio" (no more intermediate, direct to sound card reading).

In the supersid.cfg file, I have added a [Linux] section for some extra sound options.

In that file, remember to update the data_path entry with a meaningful /home/whatever/path/

My Raspberry Pi is monitoring two stations for the last 5 days. It crashed once at 3:00am, but then I have the "hourly_save = YES" in the .cfg so the day data were not lost.

If someone is interested, let me know and I can send the supersid.alsaaudio.py program.

Best regards,

Eric

936. Re: [Super_SID] SuperSID on Linux and on Raspberry Pi

Yahoo group: Super_SID
Date: 2012-12-31 13:25:04 UTC
From: Colin Haig
Topic: 935 Message: 936

Hi Eric - when you're satisfied, I'd be happy to be a "Beta tester"
on my Raspberry Pi. Excellent work!
Cheers
Colin

At 03:50 AM 2012-12-31, Eric wrote:
>I have completed the following project: adapt the "supersid.py"
>program to run on Linux (tested on my workstation with Fedora
>16 and my Raspberry Pi with Debian Wheezy).

937. Re: [Super_SID] Background shading in supersid_plot

Yahoo group: Super_SID
Date: 2012-12-31 15:59:41 UTC
From: WILLIAM & MELINDA LORD
Topic: 932 Message: 937

Hi Steve,

We will forward your e-mail to Jaap who is working on the rewrite.

Thanks,

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Steve <steveberl@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, December 30, 2012 1:52 PM
Subject: [Super_SID] Background shading in supersid_plot

I have some changes to the supersid_plot program to shade the background for the day and night time at the monitoring station. It uses a package called PyEphem (http://rhodesmill.org/pyephem/) to calculate the times of sunrise and sunset at the latitude and longitude of the monitor it reads out of the data file.

It only works if all the time series being plotted are received at the same monitor, but that seems like a reasonable restriction.

What would be the best way to get this code into the next release?

-steve

938. Re: [Super_SID] Background shading in supersid_plot

Yahoo group: Super_SID
Date: 2012-12-31 16:05:47 UTC
From: WILLIAM & MELINDA LORD
Topic: 932 Message: 938

Eric,

Yes, we are very interested in what you have done. We are forwarding your e-mail to Jaap who is working on the rewrite.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Eric Gibert <ericgibert@...>
To: Super_SID@yahoogroups.com
Sent: Monday, December 31, 2012 2:41 AM
Subject: RE: [Super_SID] Background shading in supersid_plot

Hi Steve,

Yes, pyephem is very good. Can you share your code i.e. send me a ZIP? I can swnd you mine as I have also included some extras goodies in my plot program:
- Connection to NOAA webserver to read the flares events and draw them on the plot (with their intensity/class)
- Many dates supported, either by “drag&drop” multiple files or calling with wildcard (i.e MONITOR_2012-12-*.csv for all December files)
- Plot can be saved as PDF, and optionally, send by email (so that you can say every day that your monitor is up and running)

Quite a few ideas… If someone is interested let me know: I can share my code.

Best regards,

Eric

From:Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Steve
Sent: Monday, December 31, 2012 3:52 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Background shading in supersid_plot

I have some changes to the supersid_plot program to shade the background for the day and night time at the monitoring station. It uses a package called PyEphem (http://rhodesmill.org/pyephem/) to calculate the times of sunrise and sunset at the latitude and longitude of the monitor it reads out of the data file.

It only works if all the time series being plotted are received at the same monitor, but that seems like a reasonable restriction.

What would be the best way to get this code into the next release?

-steve

939. RE: [Super_SID] Background shading in supersid_plot

Yahoo group: Super_SID
Date: 2012-12-31 17:20:20 UTC
From: Steve Berl
Topic: 932 Message: 939

I'd love to get the solar flare data plotting feature. That was next on my list to add.

I have a little more work to do on the day/night shading before it is ready to go. i just discovered it doesn't work for "multiple column" type data files. When it is ready I will send it out to the list.

--
-steve

940. Re: [Super_SID] Background shading in supersid_plot

Yahoo group: Super_SID
Date: 2012-12-31 18:00:52 UTC
From: Deborah Scherrer
Topic: 932 Message: 940

We here at Stanford are really impressed with the work you all
are doing. Awesome!!!

Debbie

On 12/31/12 12:41 AM, Eric Gibert wrote:
>
> Hi Steve,
>
> Yes, pyephem is very good. Can you share your code i.e. send me a ZIP?
> I can swnd you mine as I have also included some extras goodies in my
> plot program:
>
> -Connection to NOAA webserver to read the flares events and draw them
> on the plot (with their intensity/class)
>
> -Many dates supported, either by "drag&drop" multiple files or calling
> with wildcard (i.e MONITOR_2012-12-*.csv for all December files)
>
> -Plot can be saved as PDF, and optionally, send by email (so that you
> can say every day that your monitor is up and running)
>
> Quite a few ideas... If someone is interested let me know: I can share
> my code.
>
> Best regards,
>
> Eric
>
> *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *On Behalf Of *Steve
> *Sent:* Monday, December 31, 2012 3:52 AM
> *To:* Super_SID@yahoogroups.com
> *Subject:* [Super_SID] Background shading in supersid_plot
>
> I have some changes to the supersid_plot program to shade the
> background for the day and night time at the monitoring station. It
> uses a package called PyEphem (http://rhodesmill.org/pyephem/) to
> calculate the times of sunrise and sunset at the latitude and
> longitude of the monitor it reads out of the data file.
>
> It only works if all the time series being plotted are received at the
> same monitor, but that seems like a reasonable restriction.
>
> What would be the best way to get this code into the next release?

>
> -steve
>
>

941. Re: [Super_SID] Background shading in supersid_plot

Yahoo group: Super_SID
Date: 2012-12-31 18:25:55 UTC
From: Colin Haig
Topic: 932 Message: 941

I have a small "Feature request" - can we get a vertical (red?) line at each of the 6 stations ? That would help me know if the peaks I'm seeing are at the specified frequencies, or are local interference.
Cheers
Colin VE3MSC

942. Re: Background shading in supersid_plot

Yahoo group: Super_SID
Date: 2012-12-31 18:31:02 UTC
From: Steve
Topic: 932 Message: 942

+1
That sounds like an excellent feature.

-steve

P.S. Is there some sort of online feature request/bug tracking available for the SuperSID software?

--- In Super_SID@yahoogroups.com, Colin Haig <astronomer@...> wrote:
>
> I have a small "Feature request" - can we get a vertical (red?) line
> at each of the 6 stations ? That would help me know if the peaks I'm
> seeing are at the specified frequencies, or are local interference.
> Cheers
> Colin VE3MSC
>

943. Re: [Super_SID] Background shading in supersid_plot

Yahoo group: Super_SID
Date: 2012-12-31 20:04:33 UTC
From: WILLIAM & MELINDA LORD
Topic: 932 Message: 943

I will pass your request on to Jaap.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Colin Haig <astronomer@...>
To: Super_SID@yahoogroups.com
Sent: Monday, December 31, 2012 12:25 PM
Subject: Re: [Super_SID] Background shading in supersid_plot

I have a small "Feature request" - can we get a vertical (red?) line
at each of the 6 stations ? That would help me know if the peaks I'm
seeing are at the specified frequencies, or are local interference.
Cheers
Colin VE3MSC

944. updated SID program

Yahoo group: Super_SID
Date: 2012-12-31 21:37:47 UTC
From: Frank
Topic: 944 Message: 944

Hello, I noticed in some of the postings that there was a update to the SID program, now called SuperSid so I downloaded it and switched over to that from the first SID program I was using. I just noticed that the ID's listed along the bottom aren't showing signal levels? Is there a difference between the 2 programs, am I suppose to copy some files over from one folder to the new one?
When I pull up the old program, I can see a good signal level for the NAA station, Ex: 9864, currently no amp, but on the new program, NAA reporting 0.2

Any ideas or did I miss something?

Thank you
Frank

945. Re: updated SID program

Yahoo group: Super_SID
Date: 2013-01-02 19:01:46 UTC
From: John Purdy
Topic: 944 Message: 945

To all
Iv'e been using the original Super-SID program for the last year and have now downloaded the latest version and it's running fine but Iv'e noticed a anomally when plotting the signals. With the original, if you plot a station, it shows up as a sub-screen window which you can then maximize to full screen , then minimize to the task bar at the bottom. If you then plot more stations, say 2 more for a total of three, then restore the plot from the task bar to the screen, all three plots will be there in different colours. But with the new version when you do the same thing and restore the plot from the task bar, only the first station shows. To get the other two to show up you have to restore down to sub-screen size (the two little joined boxes at the upper right of the screen). You can then restore to full screen and all three will be there. Has anyone else noticed this? I hope my explanation makes sense!
John
Vancouver Island BC

946. used Dell servers

Yahoo group: Super_SID
Date: 2013-01-02 21:32:57 UTC
From: JohnC
Topic: 946 Message: 946

I have 4 dell servers that I need to clean up before trashing them.
They are Dell PowerEdge 300SC, 420SC, 1400SC and 2400. They are loaded.
Let me know if there is any interest.

947. RE: [Super_SID] used Dell servers

Yahoo group: Super_SID
Date: 2013-01-02 21:51:17 UTC
From: D R Mynatt
Topic: 946 Message: 947

I would be, depending upon shipping charges to Pueblo, CO. Nice offer.
Off-line dave at mynatt dot biz.

Dave

-----Original Message-----
From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of JohnC
Sent: Wednesday, January 02, 2013 2:33 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] used Dell servers

I have 4 dell servers that I need to clean up before trashing them.
They are Dell PowerEdge 300SC, 420SC, 1400SC and 2400. They are loaded.
Let me know if there is any interest.

Yahoo! Groups Links

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2805 / Virus Database: 2637/6003 - Release Date: 01/02/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2805 / Virus Database: 2637/6003 - Release Date: 01/02/13

948. updated SuperSID software

Yahoo group: Super_SID
Date: 2013-01-03 23:34:01 UTC
From: Jaap Akkerhuis
Topic: 948 Message: 948

Bill & Melinda Lord write:

> We also have an updated SuperSID software. There are two versions, one with and one without the Documentations.
> Both do have the binaries and the sources from which the binaries are
> created. The checksum files can be checked in case they get damaged in transport.
>
> http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe
> http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe.sha-256
> http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe
> http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe.sha-256

Please note that my we are not really equipped to function as a distribution site for software. Just in case the bandwidth consumption gets too much, I would like to find another place with more bandwidth to spare to make this available (Stanford?).

jaap

949. Re: [Super_SID] Soundcard induced math overflow

Yahoo group: Super_SID
Date: 2013-01-03 23:36:57 UTC
From: Jaap Akkerhuis
Topic: 916 Message: 949

On Dec 30, 2012, at 1:38, "D R Mynatt" <dave@...> wrote:

> Great coding work. Thanks for the craftsmanship and looking forward to next version.

Thanks for the compliment, this is stimulating!

> Happy New Year.

Happy New year for all. This will be the year of the next solar maximum
won't it?

jaap

950. Re: [Super_SID] updated SuperSID software

Yahoo group: Super_SID
Date: 2013-01-03 23:38:31 UTC
From: Steve Berl
Topic: 948 Message: 950

BitTorrent?

-steve

On Thursday, January 3, 2013, Jaap Akkerhuis wrote:

> **
>
>
> Bill & Melinda Lord write:
>
> > We also have an updated SuperSID software. There are two versions, one
> with and one without the Documentations.
> > Both do have the binaries and the sources from which the binaries are
> > created. The checksum files can be checked in case they get damaged in
> transport.
> >
> > http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe
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> > http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe.sha-256
>
> Please note that my we are not really equipped to function as a
> distribution
> site for software. Just in case the bandwidth consumption gets too much,
> I would like to find another place with more bandwidth to spare to make
> this available (Stanford?).
>
> jaap
>
>
>

--
-steve

951. Re: [Super_SID] The timing issue (was: Soundcard induced math overflow)

Yahoo group: Super_SID
Date: 2013-01-03 23:43:33 UTC
From: Jaap Akkerhuis
Topic: 916 Message: 951

On Dec 30, 2012, at 20:16, Steve Berl <steveberl@...> wrote:

> What's "the timing issue" you refer to?

It all boils down to the fact the program is not looking at the current
time often enough but just every 24 hours. Therefore the timestamps of
the data is slowly out of whack.

jaap

952. Re: [Super_SID] The timing issue (was: Soundcard induced math overflow)

Yahoo group: Super_SID
Date: 2013-01-03 23:51:50 UTC
From: Jaap Akkerhuis
Topic: 916 Message: 952

On Dec 30, 2012, at 20:47, Steve Berl <steveberl@...> wrote:

> My thinking is that over the sort term (space between individual samples) the accuracy requirement is not very tight. Errors of 20 milliseconds or so in the 5 seconds between samples are probably fine. But over the longer term (hours or days), all these little errors should average out and as long as we get exactly 17280 samples per 24 hour (plus or minus 5 seconds) period all will be well.

The basic problem is really that the data collection and display to the
user are intertwined. Ideally one wants to separate the issues, record
the received data ASAP with a time stamp and have a separate way to massage
the data. That is what I attempt to do in the (too much) promised rewrite.

jaap

953. Re: [Super_SID] updated SuperSID software

Yahoo group: Super_SID
Date: 2013-01-04 00:41:50 UTC
From: Eric Gibert
Topic: 948 Message: 953

Hello Jaap,

My suggestion is to move the all software to a community driven open source project site like sourceforge.net or github
Besides being a software repository, they offer wiki for a dynamic documentation and bug/enhancement requests tracking system.

What do you think?
Eric

_____
De : Jaap Akkerhuis <jaapna@...>
À : "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Envoyé le : Vendredi 4 janvier 2013 7h34
Objet : [Super_SID] updated SuperSID software

Bill & Melinda Lord write:

> We also have an updated SuperSID software. There are two versions, one with and one without the Documentations.
> Both do have the binaries and the sources from which the binaries are
> created. The checksum files can be checked in case they get damaged in transport.
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> http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe
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> http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe
> http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe.sha-256

Please note that my we are not really equipped to function as a distribution site for software. Just in case the bandwidth consumption gets too much, I would like to find another place with more bandwidth to spare to make this available (Stanford?).

jaap

954. Re: [Super_SID] The timing issue (was: Soundcard induced math overflow)

Yahoo group: Super_SID
Date: 2013-01-04 00:45:50 UTC
From: Eric Gibert
Topic: 916 Message: 954

Hence my previous post to address this issue.

_____
De : Jaap Akkerhuis <jaapna@...>
À : Super_SID@yahoogroups.com
Envoyé le : Vendredi 4 janvier 2013 7h43
Objet : Re: [Super_SID] The timing issue (was: Soundcard induced math overflow)

On Dec 30, 2012, at 20:16, Steve Berl <steveberl@...> wrote:

> What's "the timing issue" you refer to?

It all boils down to the fact the program is not looking at the current
time often enough but just every 24 hours. Therefore the timestamps of
the data is slowly out of whack.

    jaap

Yahoo! Groups Links

    http://docs.yahoo.com/info/terms/

955. RE: [Super_SID] The timing issue (was: Soundcard induced math overflow)

Yahoo group: Super_SID
Date: 2013-01-04 00:48:17 UTC
From: D R Mynatt
Topic: 916 Message: 955

Let's try a GPS signal; small GPSs are inexpensive, yes?

Dave

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Eric Gibert
Sent: Thursday, January 03, 2013 5:46 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] The timing issue (was: Soundcard induced math overflow)

Hence my previous post to address this issue.

De : Jaap Akkerhuis <jaapna@...>
À : Super_SID@yahoogroups.com
Envoyé le : Vendredi 4 janvier 2013 7h43
Objet : Re: [Super_SID] The timing issue (was: Soundcard induced math overflow)

On Dec 30, 2012, at 20:16, Steve Berl <steveberl@...> wrote:

> What's "the timing issue" you refer to?

It all boils down to the fact the program is not looking at the current time often enough but just every 24 hours. Therefore the timestamps of the data is slowly out of whack.

jaap

Yahoo! Groups Links

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Checked by AVG - www.avg.com
Version: 2013.0.2805 / Virus Database: 2637/6007 - Release Date: 01/03/13

956. Re: [Super_SID] updated SuperSID software

Yahoo group: Super_SID
Date: 2013-01-04 01:10:48 UTC
From: Steve Berl
Topic: 948 Message: 956

I was thinking along the same lines. Github.

Steve

On Thursday, January 3, 2013, Eric Gibert wrote:

> **
>
>
> Hello Jaap,
>
> My suggestion is to move the all software to a community driven open
> source project site like sourceforge.net or github
> Besides being a software repository, they offer wiki for a dynamic
> documentation and bug/enhancement requests tracking system.
>
> What do you think?
> Eric
>
>
> ------------------------------
> *De :* Jaap Akkerhuis <jaapna@... <javascript:_e({}, 'cvml',
> 'jaapna@...');>>
> *À :* "Super_SID@yahoogroups.com <javascript:_e({}, 'cvml',
> 'Super_SID@yahoogroups.com');>" <Super_SID@yahoogroups.com<javascript:_e({}, 'cvml',
'Super_SID@yahoogroups.com');>>
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>
> Please note that my we are not really equipped to function as a
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> site for software. Just in case the bandwidth consumption gets too much,
> I would like to find another place with more bandwidth to spare to make
> this available (Stanford?).
>
> jaap
>
>
>
>
>

--
-steve

957. Re: [Super_SID] updated SuperSID software

Yahoo group: Super_SID
Date: 2013-01-04 01:15:34 UTC
From: Deborah Scherrer
Topic: 948 Message: 957

Sure, Stanford would be willing to host the distribution.

Debbie

On 1/3/13 3:34 PM, Jaap Akkerhuis wrote:
>
> Bill & Melinda Lord write:
>
> > We also have an updated SuperSID software. There are two versions,
> one with and one without the Documentations.
> > Both do have the binaries and the sources from which the binaries are
> > created. The checksum files can be checked in case they get damaged
> in transport.
> >
> > http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe
> <http://nlnetlabs.nl/%7Ejaap/SuperSID_Install_1.2.0.exe>
> > http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe.sha-256
> <http://nlnetlabs.nl/%7Ejaap/SuperSID_Install_1.2.0.exe.sha-256>
> > http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe
> <http://nlnetlabs.nl/%7Ejaap/SuperSID_NoDoc_1.2.0.exe>
> > http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe.sha-256
> <http://nlnetlabs.nl/%7Ejaap/SuperSID_NoDoc_1.2.0.exe.sha-256>
>
> Please note that my we are not really equipped to function as a
> distribution
> site for software. Just in case the bandwidth consumption gets too much,
> I would like to find another place with more bandwidth to spare to make
> this available (Stanford?).
>
> jaap
>
>

958. Re: [Super_SID] updated SuperSID software

Yahoo group: Super_SID
Date: 2013-01-04 01:16:04 UTC
From: Deborah Scherrer
Topic: 948 Message: 958

This sounds good as well.

Debbie

On 1/3/13 4:41 PM, Eric Gibert wrote:
> Hello Jaap,
>
> My suggestion is to move the all software to a community driven open
> source project site like sourceforge.net or github
> Besides being a software repository, they offer wiki for a dynamic
> documentation and bug/enhancement requests tracking system.
>
> What do you think?
> Eric
>
>
> ---
> *De :* Jaap Akkerhuis <jaapna@...>
> *À :* "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
> *Envoyé le :* Vendredi 4 janvier 2013 7h34
> *Objet :* [Super_SID] updated SuperSID software
>
> Bill & Melinda Lord write:
>
> > We also have an updated SuperSID software. There are two versions,
> one with and one without the Documentations.
> > Both do have the binaries and the sources from which the binaries are
> > created. The checksum files can be checked in case they get damaged
> in transport.
> >
> > http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe
> <http://nlnetlabs.nl/%7Ejaap/SuperSID_Install_1.2.0.exe>
> > http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe.sha-256
> <http://nlnetlabs.nl/%7Ejaap/SuperSID_Install_1.2.0.exe.sha-256>
> > http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe
> <http://nlnetlabs.nl/%7Ejaap/SuperSID_NoDoc_1.2.0.exe>
> > http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe.sha-256
> <http://nlnetlabs.nl/%7Ejaap/SuperSID_NoDoc_1.2.0.exe.sha-256>
>
> Please note that my we are not really equipped to function as a
> distribution
> site for software. Just in case the bandwidth consumption gets too much,
> I would like to find another place with more bandwidth to spare to make
> this available (Stanford?).
>

> jaap
>
>
>
>

959. Re: [Super_SID] The timing issue (was: Soundcard induced math overflow)

Yahoo group: Super_SID
Date: 2013-01-04 01:27:20 UTC
From: Steve Berl
Topic: 916 Message: 959

I have a version in progress here that splits the data collection and the GUI into separate threads. Eventually the sampler will be able to run as a background sampler/data server for a remote display client. I started on this because I want to display the data as part of an exhibit and don't want to constrain things because of antenna location and feed requirements. But it does provide a starting point for fixing the timer problem. The sample/collector/server has no dependencies on wax python or any other display related stuff.

It still needs a bit more work to complete the data collection side of things (as I keep getting sidetracked learning all kinds of new things about FFT, matplotlib, wax python, threads, etc,etc). It's all fun though.

I haven't found any good existing python code for an accurate periodic timer that would meet the requirements I stated. I'm thinking to do something like at every sample time (or maybe less frequently) compare the real time clock to the "virtual clock" calculated from the sample index. Then make adjustments to the timer based on the error.

The alternative of time stamping the data would make the data analysis a bit more complex I think since the samples are not evenly spaced. But maybe that's not a problem for people that know how to process such data.

Steve

On Thursday, January 3, 2013, Jaap Akkerhuis wrote:

>
> On Dec 30, 2012, at 20:47, Steve Berl <steveberl@... <javascript:;>>
> wrote:
>
> > My thinking is that over the sort term (space between individual
> samples) the accuracy requirement is not very tight. Errors of 20
> milliseconds or so in the 5 seconds between samples are probably fine. But
> over the longer term (hours or days), all these little errors should
> average out and as long as we get exactly 17280 samples per 24 hour (plus
> or minus 5 seconds) period all will be well.
>
> The basic problem is really that the data collection and display to the
> user are intertwined. Ideally one wants to separate the issues, record
> the received data ASAP with a time stamp and have a separate way to massage
> the data. That is what I attempt to do in the (too much) promised rewrite.
>
> jaap
>
>

>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--
-steve

960. Re: [Super_SID] updated SuperSID software

Yahoo group: Super_SID
Date: 2013-01-04 02:09:07 UTC
From: Steve Berl
Topic: 948 Message: 960

The more I think about this, the cooler it sounds to me.

The supersid program is always running anyway, and the computer is
connected to the Internet so it can upload data to Stanford, so why not
embed a bittorrent client in the application. Then when you update one
site, it could distribute the updates to all the other sites automagically,
with no one site taking a particularly bit part of the load.

http://www.rasterbar.com/products/libtorrent/ seems to have python
bindings, and BSD license....

On Thu, Jan 3, 2013 at 3:38 PM, Steve Berl <steveberl@...> wrote:

> BitTorrent?
>
> -steve
>
>
> On Thursday, January 3, 2013, Jaap Akkerhuis wrote:
>
>> **
>>
>>
>> Bill & Melinda Lord write:
>>
>> > We also have an updated SuperSID software. There are two versions, one
>> with and one without the Documentations.
>> > Both do have the binaries and the sources from which the binaries are
>> > created. The checksum files can be checked in case they get damaged in
>> transport.
>> >
>> > http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe
>> > http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe.sha-256
>> > http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe
>> > http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe.sha-256
>>
>> Please note that my we are not really equipped to function as a
>> distribution
>> site for software. Just in case the bandwidth consumption gets too much,
>> I would like to find another place with more bandwidth to spare to make
>> this available (Stanford?).
>>
>> jaap
>>
>>
>>

>
>
> --
> -steve
>

--
-steve

961. Re: [Super_SID] Background shading in supersid_plot

Yahoo group: Super_SID
Date: 2013-01-04 10:37:30 UTC
From: Jaap Akkerhuis
Topic: 932 Message: 961

On Dec 30, 2012, at 20:52, "Steve" <steveberl@...> wrote:

> I have some changes to the supersid_plot program to shade the background for the day and night time at the monitoring station. It uses a package called PyEphem (http://rhodesmill.org/pyephem/) to calculate the times of sunrise and sunset at the latitude and longitude of the monitor it reads out of the data file.
>
> It only works if all the time series being plotted are received at the same monitor, but that seems like a reasonable restriction.

Note that with the SID monitors one measures the behavior of the ionosphere between monitor and transmitter so "day" and "night time" is just a simplification of that. But yes it knowing the situation of at the monitoring side gives at least some indication. And indeed, the current shading is way too simple.

> What would be the best way to get this code into the next release?

You can always send me the changes and I'll see whether I can fit it in.

jaap

962. Re: [Super_SID] Marking stations in spectrum plot (was: Background shading in supersid_plot)

Yahoo group: Super_SID
Date: 2013-01-04 10:41:20 UTC
From: Jaap Akkerhuis
Topic: 932 Message: 962

On Dec 31, 2012, at 19:25, Colin Haig <astronomer@...> wrote:

> I have a small "Feature request" - can we get a vertical (red?) line
> at each of the 6 stations ? That would help me know if the peaks I'm
> seeing are at the specified frequencies, or are local interference.

H'm, interesting idea. I'll see how much work it is to have such marking
for stations that are configured to be monitored.

jaap

963. Re: [Super_SID] Re: Background shading in supersid_plot

Yahoo group: Super_SID
Date: 2013-01-04 10:47:45 UTC
From: Jaap Akkerhuis
Topic: 932 Message: 963

On Dec 31, 2012, at 19:31, "Steve" <steveberl@...> wrote:

> P.S. Is there some sort of online feature request/bug tracking available for the SuperSID software?

There was/is a special mailing list to discuss the software but that
apparently never got much attention. I see whether I can (ab-)use our
company RT system for this.

jaap

964. [Super_SID] Timing issues

Yahoo group: Super_SID
Date: 2013-01-04 13:56:08 UTC
From: Jaap Akkerhuis
Topic: 964 Message: 964

This is to let you know that the band-aid as proposed by Eric Gibert

> self.current_index = int ((time.time() - self.date_begin_epoch + 1.0) /
self.config['log_interval'])

will be in the next release. That release is necessary because in some
occasions (apparently on some pristine systems) a needed runtime library
is missing. I'm currently researching the options on fixing that.

Eric also recommends:

> Extra note: to synchronize my clock on a daily basis, I use the freeware
> Atomic Clock Sync. You can check it out at
> http://www.worldtimeserver.com/atomic-clock/ (this is for Windows).

That might be a nice idea but for people who want to take it easy, know
that most window systems have now a ntp client build in although sometimes
it needs to be enabled. On Windows XP you'll find that in Control Panel->
Date and Time under the tab "Internet Time".

Getting the time from GPS as someone suggested is probably an overkill.
As long as your connections to the internet are reasonably stable, using
ntp is likely enough. For people who are getting really interested into
how to keep proper time, the site <www.ntp.org> is also a good start.

jaap

PS. Time is an interesting subject, before you know you end up with your
own atomic clock collection, just as this guy: <www.stupi.se/Time/>

965. Re: [Super_SID] The timing issue (was: Soundcard induced math overflow)

Yahoo group: Super_SID
Date: 2013-01-04 14:11:45 UTC
From: Jaap Akkerhuis
Topic: 916 Message: 965

Steve,

> I have a version in progress here that splits the data collection and the GUI into separate threads. Eventually the sampler will be able to run as a background sampler/data server for a remote display client. I started on this because I want to display the data as part of an exhibit and don't want to constrain things because of antenna location and feed requirements. But it does provide a starting point for fixing the timer problem. The sample/collector/server has no dependencies on wax python or any other display related stuff.

This sounds great! That is the way to go.

> It still needs a bit more work to complete the data collection side of things (as I keep getting sidetracked learning all kinds of new things about FFT, matplotlib, wax python, threads, etc,etc). It's all fun though.

Yes, I know the feeling. I got sidetracked by that as well.

> I haven't found any good existing python code for an accurate periodic timer that would meet the requirements I stated. I'm thinking to do something like at every sample time (or maybe less frequently) compare the real time clock to the "virtual clock" calculated from the sample index. Then make adjustments to the timer based on the error.
>
> The alternative of time stamping the data would make the data analysis a bit more complex I think since the samples are not evenly spaced. But maybe that's not a problem for people that know how to process such data.

I personally think that if the data points are not spaced evenly, that is
not a serious problem. It is more important that the timestamps are
accurate.

jaap

966. Distributing supersid

Yahoo group: Super_SID
Date: 2013-01-04 14:16:00 UTC
From: Jaap Akkerhuis
Topic: 966 Message: 966

Debbie,

> Sure, Stanford would be willing to host the distribution.

I'll take you up on that. For the time being, that is the quickest route.

jaap

967. Supersid on sourceforce (or so)

Yahoo group: Super_SID
Date: 2013-01-04 14:26:39 UTC
From: Jaap Akkerhuis
Topic: 967 Message: 967

Eric wrote:

> My suggestion is to move the all software to a community driven open source
> project site like sourceforge.net or github Besides being a software
> repository, they offer wiki for a dynamic documentation and bug/enhancement
> requests tracking system.
>
> What do you think?

This is actually something I had in mind for the new Version. Given that
our original target audience are (high school) kids which we want to educate
into how to do science, we will still have the need for a full binary
installation but we can accommodate that as well with SourceForce or github.

To have the distribution available from Stanford and on CD-roms will be
good. The last one for those users which don't have the luxury of having
a reliable access to the net

jaap

968. Re: [Super_SID] Timing issues

Yahoo group: Super_SID
Date: 2013-01-04 14:43:25 UTC
From: Jaap Akkerhuis
Topic: 964 Message: 968

Some links disappeared, apparently Yahoo did't like it. Retrying.

> For people who are getting really interested into
> how to keep proper time, the site is also a good start.

Meant was http://www.ntp.org

> PS. Time is an interesting subject, before you know you end up with your
> own atomic clock collection, just as this guy:

Meant was http://www.stupi.se/Time/

jaap

969. Re: [Super_SID] Marking stations in spectrum plot (was: Background shading in supersid_plot)

Yahoo group: Super_SID
Date: 2013-01-04 17:51:51 UTC
From: Frank
Topic: 932 Message: 969

lol, I was asking the same thing kind of in some emails with Don, even markers at each point so we could tell, visually, if its a station or other?

Glad to see others are thinking the same out there.. enjoying this field and the help thats out there when we need it..

Thank you

Frank

----- Original Message -----
From: Jaap Akkerhuis
To: Super_SID@yahoogroups.com
Sent: Friday, January 04, 2013 5:41 AM
Subject: Re: [Super_SID] Marking stations in spectrum plot (was: Background shading in supersid_plot)

On Dec 31, 2012, at 19:25, Colin Haig astronomer@...> wrote:

> I have a small "Feature request" - can we get a vertical (red?) line
> at each of the 6 stations ? That would help me know if the peaks I'm
> seeing are at the specified frequencies, or are local interference.

H'm, interesting idea. I'll see how much work it is to have such marking
for stations that are configured to be monitored.

jaap

970. Re: [Super_SID] Distributing supersid

Yahoo group: Super_SID
Date: 2013-01-04 18:03:22 UTC
From: Deborah Scherrer
Topic: 966 Message: 970

OK, when you're ready, send me what you want us to
hold and distribute. I'll change the web interface
to make that more obvious.

Debbie

On 1/4/13 6:16 AM, Jaap Akkerhuis wrote:
>
> Debbie,
>
> > Sure, Stanford would be willing to host the distribution.
>
> I'll take you up on that. For the time being, that is the quickest route.
>
> jaap
>
>

971. Re: [Super_SID] Supersid on sourceforce (or so)

Yahoo group: Super_SID
Date: 2013-01-05 01:39:08 UTC
From: Eric Gibert
Topic: 967 Message: 971

Jaap wrote

> Given that our original target audience are (high school) kids which we want to educate into how to do science, we will still have the need for a full binary

On the other hand, let's not write off computer science :-) some kids will love the code too: it is a none trivial application still under manageable size with rich functionalities.
this is why I have adapted the program to run on raspberry pi (http://www.raspberrypi.org) which is a cheap computer for education puposes. the modification is rather simple: I replaced pyaudio by alsaaudio and added a new entry [Linux] in the supersid.cfg. My raspiSID is monitoring and collecting data since 31/12/12 without hitch.
I will mail you directly on this.
Best regards
Eric

972. finally some activity!

Yahoo group: Super_SID
Date: 2013-01-06 02:35:32 UTC
From: Eric Gibert
Topic: 972 Message: 972
Attachments: 2 described; binary payloads are missing from this source WARC

Dear all,

January was quiet until yesterday, with a M1.7 flare just when the sun was setting here in Singapore...

Two attached files:

1) 1st of Jan until 5th: supersid_plot2.py -w DAISYSG_NWC_2013*.csv DAISYSG_JJI_2013*.csv

2) 5th of Jan from both my normal monitor and the RaspiSID (SuperSID on Raspberry Pi): supersid_plot2.py" -w *_NWC_2013-01-05.csv

Best regards,

Eric

973. web site

Yahoo group: Super_SID
Date: 2013-01-07 13:57:07 UTC
From: wb9rim
Topic: 973 Message: 973

Is the Stanford Solar Center web sit down I can get to it?

974. Re: [Super_SID] web site

Yahoo group: Super_SID
Date: 2013-01-07 17:39:31 UTC
From: Deborah Scherrer
Topic: 973 Message: 974

Yes, we have been having problems all week with the electrical systems
associated
with the data servers. Should be running now though.

Debbie

On 1/7/13 5:57 AM, wb9rim wrote:
>
> Is the Stanford Solar Center web sit down I can get to it?
>
>

975. Re: [Super_SID] web site

Yahoo group: Super_SID
Date: 2013-01-07 19:50:43 UTC
From: danny garvin
Topic: 973 Message: 975

Yes is thanks for all your hard work Debbie.

Danny WB9RIM

From: Deborah Scherrer <dscherrer@...>
To: Super_SID@yahoogroups.com
Cc: wb9rim <grailknight_2@...>
Sent: Monday, January 7, 2013 11:39 AM
Subject: Re: [Super_SID] web site

Yes, we have been having problems all week with the electrical systems associated with the data servers. Should be running now though.

Debbie

On 1/7/13 5:57 AM, wb9rim wrote:

>Is the Stanford Solar Center web sit down I can get to it?
>
>

976. Re: [Super_SID] Supersid on sourceforce (or so)

Yahoo group: Super_SID
Date: 2013-01-07 22:48:53 UTC
From: Jaap Akkerhuis
Topic: 967 Message: 976

On Jan 5, 2013, at 2:39, Eric Gibert <ericgibert@...> wrote:

> I replaced pyaudio by alsaaudio and added a new entry [Linux] in the supersid.cfg. My raspiSID is monitoring and collecting data since 31/12/12 without hitch.
> I will mail you directly on this.

I personally find it somewhat odd you didn't get PyAudio to work to the raspberry. I should try to get my hand on one and see what the problem is. Anyway, I would be happy to receive your changes.

jaap

977. RE: [Super_SID] web site

Yahoo group: Super_SID
Date: 2013-01-08 00:20:29 UTC
From: D R Mynatt
Topic: 973 Message: 977

Concur with that. Thanks, Debbie for everything. Please express my appreciation to the group techs too.

Dave
Pueblo

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of danny garvin
Sent: Monday, January 07, 2013 12:51 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] web site

Yes is thanks for all your hard work Debbie.

Danny WB9RIM

From: Deborah Scherrer <dscherrer@...>
To: Super_SID@yahoogroups.com
Cc: wb9rim <grailknight_2@...>
Sent: Monday, January 7, 2013 11:39 AM
Subject: Re: [Super_SID] web site

Yes, we have been having problems all week with the electrical systems associated
with the data servers. Should be running now though.

Debbie

On 1/7/13 5:57 AM, wb9rim wrote:

Is the Stanford Solar Center web sit down I can get to it?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2805 / Virus Database: 2637/6015 - Release Date: 01/07/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2805 / Virus Database: 2637/6015 - Release Date: 01/07/13

978. Re: [Super_SID] web site

Yahoo group: Super_SID
Date: 2013-01-08 00:47:34 UTC
From: Deborah Scherrer
Topic: 973 Message: 978

We aim to please... ;-)

Thanks.
Debbie

On 1/7/13 4:20 PM, D R Mynatt wrote:
>
> Concur with that. Thanks, Debbie for everything. Please express my
> appreciation to the group techs too.
> Dave
> Pueblo
>
> ---
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *On Behalf Of *danny garvin
> *Sent:* Monday, January 07, 2013 12:51 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] web site
>
> Yes is thanks for all your hard work Debbie.
>
> Danny WB9RIM
> ---
> *From:* Deborah Scherrer <dscherrer@...>
> *To:* Super_SID@yahoogroups.com
> *Cc:* wb9rim <grailknight_2@...>
> *Sent:* Monday, January 7, 2013 11:39 AM
> *Subject:* Re: [Super_SID] web site
>
> Yes, we have been having problems all week with the electrical systems
> associated
> with the data servers. Should be running now though.
>
> Debbie
>
> On 1/7/13 5:57 AM, wb9rim wrote:
>> Is the Stanford Solar Center web sit down I can get to it?
>>
>
>
>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>

> Version: 2013.0.2805 / Virus Database: 2637/6015 - Release Date: 01/07/13
>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.2805 / Virus Database: 2637/6015 - Release Date: 01/07/13
>
>

979. Re: SuperSID on Linux and on Raspberry Pi

Yahoo group: Super_SID
Date: 2013-01-11 22:31:18 UTC
From: Steve
Topic: 935 Message: 979

Hi Eric,

I've just spent the past few days pulling ut my hair trying to get supersid.py running on Linux (Ubuntu 12.10). I'm getting closer, but not there. I'm wondering if going directly to ALSA API would be better than the current pyaudio->portaudio->alsa architecture.

Any chance you could send me the changes? Either a diff against v1.2.1 or the actual .py file will do.

Thanks,

-steve

--- In Super_SID@yahoogroups.com, "Eric Gibert" wrote:
>
> Dear all,
>
>
>
> I have completed the following project: adapt the "supersid.py" program to
> run on Linux (tested on my workstation with Fedora 16 and my Raspberry Pi
> with Debian Wheezy).
>
>
>
> I tried to use the program "as is" but was not successful with PyAudio
> (could not get JackD working properly), so I replaced by more direct audio
> layer "alasaaudio" (no more intermediate, direct to sound card reading).
>
>
>
> In the supersid.cfg file, I have added a [Linux] section for some extra
> sound options.
>
> In that file, remember to update the data_path entry with a meaningful
> /home/whatever/path/
>
>
>
> My Raspberry Pi is monitoring two stations for the last 5 days. It crashed
> once at 3:00am, but then I have the "hourly_save = YES" in the .cfg so the
> day data were not lost.
>
>
>
> If someone is interested, let me know and I can send the

> supersid.alsaaudio.py program.
>
>
>
> Best regards,
>
>
>
> Eric
>

980. RE: [Super_SID] Re: SuperSID on Linux and on Raspberry Pi

Yahoo group: Super_SID
Date: 2013-01-12 03:15:46 UTC
From: Eric Gibert
Topic: 935 Message: 980
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Steve,

Like you, I have tried to fiddle with jackd and the bunch but gave up. Alsaaudio.py directly talks to ALSA. The code is running on my Raspi since 31/12/2012 and delivers the data files every hours & day. Plus I tested it on Fedora 16 too.

The attached source uses alsaaudio (apt-get install python-alsaaudio) and the data are recorded based on time (PC time, you can adjust nld for daily synchro).

I have inserted the supersid.cfg file to as a new section is give:

[Linux]

Card=External à used in line 82 to get the system name of
the soundcard. On my Raspi, it is called ☐External☐, guess should the same
on yours

è Find the name with ls ☐l /proc/asound/

PeriodSize = 128 à you can change this value to experiment but 128 is a good one J check out the alsaaudio.py documentation for more details

I plan to improve this code in the coming weeks with:

- The audio module will be default to PyAudio, but a new entry in
[Linux] will allow the choice like ☐Audio = PyAudio☐ or ☐Audio = alsaaudio☐
and the program will then act accordingly i.e. only one program for them
both. This also means that the same code will work on both windows and
Linux.

- I will replace the timer from wxPython by timer in Python
Thread.timer. Maybe it will stop skipping a beat once in a while Not sure,
I will let you know.

- I will use time.gmtime to calculate the index. This will not change much from what is now in the program (time.time in line 929) but will be more readable/straightforward.

Please let me know if you have other ideas or if you find bugs in this program, but I think that we should email on that topic out of the list to not pollute it with coding J

Best regards,

Eric

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Steve
Sent: Saturday, January 12, 2013 6:31 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: SuperSID on Linux and on Raspberry Pi

Hi Eric,

I've just spent the past few days pulling ut my hair trying to get supersid.py running on Linux (Ubuntu 12.10). I'm getting closer, but not there. I'm wondering if going directly to ALSA API would be better than the current pyaudio->portaudio->alsa architecture.

Any chance you could send me the changes? Either a diff against v1.2.1 or the actual .py file will do.

Thanks,

-steve

--- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com> , "Eric Gibert" wrote:
>
> Dear all,
>
>
>
> I have completed the following project: adapt the "supersid.py" program to
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> sound options.
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> In that file, remember to update the data_path entry with a meaningful
> /home/whatever/path/
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> once at 3:00am, but then I have the "hourly_save = YES" in the .cfg so the
> day data were not lost.
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>
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> If someone is interested, let me know and I can send the
> supersid.alsaaudio.py program.
>
>
>
> Best regards,
>
>
>
> Eric
>

981. Re: [Super_SID] Re: SuperSID on Linux and on Raspberry Pi [1 Attachment]

Yahoo group: Super_SID
Date: 2013-01-12 03:22:16 UTC
From: Steve Berl
Topic: 935 Message: 981

Sounds good Eric. Good to hear you are working on this.

One thought on skipping a sample. Instead of filling the missing sample
with 0, it might make sense to fill it with the average of the previous and
the current sample, the average of the surround indexes. That way we don't
end up with a glitch (with infinite frequency!) in the data.

-steve

On Fri, Jan 11, 2013 at 7:15 PM, Eric Gibert <ericgibert@...> wrote:

> **
>
> [Attachment(s) <#13c2cc18aa373bbd_TopText> from Eric Gibert included
> below]
>
> Hi Steve,****
>
> ** **
>
> Like you, I have tried to fiddle with jackd and the bunch but gave up.
> Alsaaudio.py directly talks to ALSA. The code is running on my Raspi since
> 31/12/2012 and delivers the data files every hours & day. Plus I tested it
> on Fedora 16 too.****
>
> ** **
>
> The attached source uses alsaaudio (apt-get install python-alsaaudio) and
> the data are recorded based on time (PC time, you can adjust nld for daily
> synchro).****
>
> ** **
>
> I have inserted the supersid.cfg file to as a new section is give:****
>
> ** **
>
> [Linux]****
>
> Card=External à used in line 82 to get the system name
> of the soundcard. On my Raspi, it is called 'External', guess should the
> same on yours****
>
> **è **Find the name with ls –l /proc/asound/****
>

> PeriodSize = 128 à you can change this value to experiment
> but 128 is a good one J check out the alsaaudio.py documentation for more
> details****
>
> ** **
>
> ** **
>
> I plan to improve this code in the coming weeks with:****
>
> **- **The audio module will be default to PyAudio, but a new entry
> in [Linux] will allow the choice like “Audio = PyAudio” or “Audio =
> alsaaudio” and the program will then act accordingly i.e. only one program
> for them both. This also means that the same code will work on both windows
> and Linux.****
>
> **- **I will replace the timer from wxPython by timer in Python
> Thread.timer. Maybe it will stop skipping a beat once in a while… Not sure,
> I will let you know.****
>
> **- **I will use time.gmtime to calculate the index. This will not
> change much from what is now in the program (time.time in line 929) but
> will be more readable/straightforward.****
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> ** **
>
> Please let me know if you have other ideas or if you find bugs in this
> program, but I think that we should email on that topic out of the list to
> not pollute it with coding J****
>
> ** **
>
> Best regards,****
>
> ** **
>
> Eric****
>
> ** **
>
> ** **
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] *On
> Behalf Of *Steve
> *Sent:* Saturday, January 12, 2013 6:31 AM
> *To:* Super_SID@yahoogroups.com
> *Subject:* [Super_SID] Re: SuperSID on Linux and on Raspberry Pi****
>
> ** **
>

> ****
>
> Hi Eric,
>
> I've just spent the past few days pulling ut my hair trying to get
> supersid.py running on Linux (Ubuntu 12.10). I'm getting closer, but not
> there. I'm wondering if going directly to ALSA API would be better than the
> current pyaudio->portaudio->alsa architecture.
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> Any chance you could send me the changes? Either a diff against v1.2.1 or
> the actual .py file will do.
>
> Thanks,
>
> -steve
>
> --- In Super_SID@yahoogroups.com, "Eric Gibert" wrote:
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> > If someone is interested, let me know and I can send the
> > supersid.alsaaudio.py program.
> >
> >
> >
> > Best regards,
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> >
> >
> > Eric
> >****
>
> ****
>
>
>

--
-steve

982. RE: [Super_SID] Re: SuperSID on Linux and on Raspberry Pi

Yahoo group: Super_SID
Date: 2013-01-12 03:34:57 UTC
From: Eric Gibert
Topic: 935 Message: 982

I was thinking on another strategy: when writing a value at index I, I was planning to write it in the current position + the next 5 ones. So if we skip a beat or two, there will be no zeroes but a repeat of the last measure. On the other hand, if the □preventive recording□ will be overwritten by the latest read.

On line 229

self.raw_buffer[index] = value

would be something like

self.raw_buffer[index:index+5] = value

What do you say?

From: Super_SID@yahoogroups.com [mailto:Super_SID@...m] On Behalf
Of Steve Berl
Sent: Saturday, January 12, 2013 11:22 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: SuperSID on Linux and on Raspberry Pi

Sounds good Eric. Good to hear you are working on this.

One thought on skipping a sample. Instead of filling the missing sample with 0, it might make sense to fill it with the average of the previous and the current sample, the average of the surround indexes. That way we don't end up with a glitch (with infinite frequency!) in the data.

-steve

On Fri, Jan 11, 2013 at 7:15 PM, Eric Gibert <ericgibert@...> wrote:

[Attachment(s) from Eric Gibert included below]

Hi Steve,

Like you, I have tried to fiddle with jackd and the bunch but gave up. Alsaaudio.py directly talks to ALSA. The code is running on my Raspi since 31/12/2012 and delivers the data files every hours & day. Plus I tested it on Fedora 16 too.

The attached source uses alsaaudio (apt-get install python-alsaaudio) and the data are recorded based on time (PC time, you can adjust nld for daily synchro).

I have inserted the supersid.cfg file to as a new section is give:

[Linux]

Card=External à used in line 82 to get the system name of
the soundcard. On my Raspi, it is called □External□, guess should the same
on yours

è Find the name with ls □l /proc/asound/

PeriodSize = 128 à you can change this value to experiment but
128 is a good one J check out the alsaaudio.py documentation for more
details

I plan to improve this code in the coming weeks with:

- The audio module will be default to PyAudio, but a new entry in
[Linux] will allow the choice like □Audio = PyAudio□ or □Audio = alsaaudio□
and the program will then act accordingly i.e. only one program for them
both. This also means that the same code will work on both windows and
Linux.

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Thread.timer. Maybe it will stop skipping a beat once in a while Not sure,
I will let you know.

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much from what is now in the program (time.time in line 929) but will be
more readable/straightforward.

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program, but I think that we should email on that topic out of the list to
not pollute it with coding J

Best regards,

Eric

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Of Steve
Sent: Saturday, January 12, 2013 6:31 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: SuperSID on Linux and on Raspberry Pi

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Any chance you could send me the changes? Either a diff against v1.2.1 or
the actual .py file will do.

Thanks,

-steve

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> day data were not lost.
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> supersid.alsaaudio.py program.
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>
>
> Best regards,
>
>
>
> Eric
>

--
-steve

983. Re: [Super_SID] Re: SuperSID on Linux and on Raspberry Pi

Yahoo group: Super_SID
Date: 2013-01-12 03:51:12 UTC
From: Steve Berl
Topic: 935 Message: 983

I looked a bit deeper in to the cause of the problem. The wx.timer() seems to actual run slightly slow (about 5.010 to 5.020 seconds between samples instead of 5.000 seconds). Over the course of a day, all those 10 ms errors accumulate until they get to about 90 seconds by the end of the day. The clock isn't really "skipping a beat", but is just running a bit too slow.

Now if you compare this "virtual clock" to the real system time clock time.time(), and calculate the index from that real time clock when the accumulated error gets to 5 seconds, you will skip a sample. So, you should never see groups of skipped samples, but they should always come as 1 skip at a time.

-steve

On Fri, Jan 11, 2013 at 7:34 PM, Eric Gibert <ericgibert@yahoo.fr> wrote:

> **
>
>
> I was thinking on another strategy: when writing a value at index I, I was
> planning to write it in the current position + the next 5 ones. So if we
> skip a beat or two, there will be no zeroes but a repeat of the last
> measure. On the other hand, if the “preventive recording” will be
> overwritten by the latest read.****
>
> ** **
>
> On line 229****
>
> self.raw_buffer[index] = value****
>
> would be something like****
>
> self.raw_buffer[index:index+5] = value****
>
> ** **
>
> What do you say?****
>
> Reply via web post<http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJwMTJlMmxiBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM5ODIEc2VjA2Z0cgRzbGsDcnBseQRzdGltZQMxMzU3OTYxNjkz?act=reply&messageNum=982> Reply
> to sender
> <ericgibert@...?subject=RE%3A%20%5BSuper_SID%5D%20Re%3A%20SuperSID%20on%20Linux%20and%20on%20Raspberry%20Pi> Reply
> to group

> <Super_SID@yahoogroups.com?subject=RE%3A%20%5BSuper_SID%5D%20Re%3A%20SuperSID%20on%20Linux%20and%20on%20Raspberry%20Pi> Start
> a New Topic<http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJmZ2RzbjVxBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzNTc5NjE2OTM-> Messages
> in this topic<http://groups.yahoo.com/group/Super_SID/message/935;_ylc=X3oDMTMzZnZwMmQxBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM5ODIEc2VjA2Z0cgRzbGsDdnRwYwRzdGltZQMxMzU3OTYxNjkzBHRwY0lkAzkzNQ-->(6)
>
> Recent Activity:
>
>
> Visit Your Group<http://groups.yahoo.com/group/Super_SID;_ylc=X3oDMTJmcWttNjlwBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzNTc5NjE2OTM->
> [image: Yahoo! Groups]<http://groups.yahoo.com/;_ylc=X3oDMTJlM2FvMmxtBF9TAzk3NDc2NTkwBGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM1Nzk2MTY5Mw-->
> Switch to: Text-Only<Super_SID-traditional@yahoogroups.com?subject=Change+Delivery+Format:+Traditional>,
> Daily Digest<Super_SID-digest@yahoogroups.com?subject=Email+Delivery:+Digest>•
> Unsubscribe <Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe> • Terms
> of Use <http://docs.yahoo.com/info/terms/> • Send us Feedback
> <ygroupsnotifications@yahoogroups.com?subject=Feedback+on+the+redesigned+individual+mail+v1>
> .
>
>
>

--
-steve

984. timer issue

Yahoo group: Super_SID
Date: 2013-01-12 04:43:33 UTC
From: Eric Gibert
Topic: 984 Message: 984

Thank you for this post.

So what could be done is to cancel the timer every day (when we write the file) then recreate a new timer. This would prevent long time accumulation of lost microsecond. Correct?

Note that because the timer run slow, there is a +1 (sec) in the formula so that even if we are "early" we still save in the "right" index.

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Steve Berl
Sent: Saturday, January 12, 2013 11:51 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: SuperSID on Linux and on Raspberry Pi

I looked a bit deeper in to the cause of the problem. The wx.timer() seems to actual run slightly slow (about 5.010 to 5.020 seconds between samples instead of 5.000 seconds). Over the course of a day, all those 10 ms errors accumulate until they get to about 90 seconds by the end of the day. The clock isn't really "skipping a beat", but is just running a bit too slow.

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-steve

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I was thinking on another strategy: when writing a value at index I, I was planning to write it in the current position + the next 5 ones. So if we skip a beat or two, there will be no zeroes but a repeat of the last measure. On the other hand, if the "preventive recording" will be overwritten by the latest read.

On line 229

self.raw_buffer[index] = value

would be something like

self.raw_buffer[index:index+5] = value

What do you say?

<http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJwMTJlMmxiBF9TAzk3M
zU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM5ODIEc2VjA2Z0c
gRzbGsDcnBseQRzdGltZQMxMzU3OTYxNjkz?act=reply&messageNum=982> Reply via web
post

<mailto:ericgibert@...?subject=RE%3A%20%5BSuper_SID%5D%20Re%3A%20SuperS
ID%20on%20Linux%20and%20on%20Raspberry%20Pi> Reply to sender

<mailto:Super_SID@yahoogroups.com?subject=RE%3A%20%5BSuper_SID%5D%20Re%3A%20
SuperSID%20on%20Linux%20and%20on%20Raspberry%20Pi> Reply to group

<http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJmZ2RzbjVxBF9TAzk3M
zU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjB
HN0aW1lAzEzNTc5NjE2OTM-> Start a New Topic

<http://groups.yahoo.com/group/Super_SID/message/935;_ylc=X3oDMTMzZnZwMmQxBF
9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAM5ODIEc2
VjA2Z0cgRzbGsDdnRwYwRzdGltZQMxMzU3OTYxNjkzBHRwY0lkAzkzNQ--> Messages in this
topic (6)

Recent Activity:

<http://groups.yahoo.com/group/Super_SID;_ylc=X3oDMTJmcWttNjlwBF9TAzk3MzU5Nz
E0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW
1lAzEzNTc5NjE2OTM-> Visit Your Group

<http://groups.yahoo.com/;_ylc=X3oDMTJlM2FvMmxtBF9TAzk3NDc2NTkwBGdycElkAzM2M
jgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM1Nzk2MTY5M
w--> Yahoo! Groups

Switch to:
<mailto:Super_SID-traditional@yahoogroups.com?subject=Change+Delivery+Format
:+Traditional> Text-Only,
<mailto:Super_SID-digest@yahoogroups.com?subject=Email+Delivery:+Digest>
Daily Digest .
<mailto:Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe>
Unsubscribe . <http://docs.yahoo.com/info/terms/> Terms of Use .
<mailto:ygroupsnotifications@yahoogroups.com?subject=Feedback+on+the+redesig
ned+individual+mail+v1> Send us Feedback

.

<http://geo.yahoo.com/serv?s=97359714/grpId=36280421/grpspId=1705082806/msgI
d=982/stime=1357961693/nc1=3848614/nc2=4025338/nc3=4507179>

--
-steve

985. VLFRX-tools

Yahoo group: Super_SID
Date: 2013-01-12 08:22:31 UTC
From: yo9gjx
Topic: 985 Message: 985

Excelent tools for SID monitoring also working with Raspberry Pi
Very good to put a server streaming online

http://abelian.org/vlfrx-tools/

986. SID event 2013 01 31 UT.??

Yahoo group: Super_SID
Date: 2013-02-01 03:53:27 UTC
From: Dr. S.Aguirre
Topic: 986 Message: 986

Hi Everyone.

The day January 31, 2013, an event captured several supersid around 19 hrs UT.

monitors here:

NAA

AGUSA2 108

WB9RIM 195

VE3MSC 357

SARA SS 0441

AFMS 309

SARA 9901

N2JUP 9906

OLGGRAZ S-0087

anyone have any idea of the origin. ??

I have to report that when a GRB

AAVSO GRB: R: +11 h 35m 48s D: +15 d 02 '08 "WHN: 13/01/31 19:10:08.90 UT Er: 0.05 rad Sn: 141.97 Mn: 23.58

might be a relationship between the event and the GRB sid??

http://sid.stanford.edu/database-browser/browse.jsp?date=2013-01-31T00.00.00&display=vertical&goesFlareStrength=C1.0&timeRange=1440&size=1000x200

Best Regards

Salvador Aguirre.
AGUSA2 108-.

987. Re: SID event 2013 01 31 UT.??

Yahoo group: Super_SID
Date: 2013-02-01 04:30:26 UTC
From: Stargazer
Topic: 986 Message: 987

3 of my BRASSO charts show the same spike.

John

--- In Super_SID@yahoogroups.com, "Dr. S.Aguirre" wrote:
>
> Hi Everyone.
>
> The day January 31, 2013, an event captured several supersid around 19 hrs
> UT.
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> monitors here:
>
> NAA
>
> AGUSA2 108
>
> WB9RIM 195
>
> VE3MSC 357
>
> SARA SS 0441
>
> AFMS 309
>
> SARA 9901
>
> N2JUP 9906
>
> OLGGRAZ S-0087
>
> anyone have any idea of the origin. ??
>
> I have to report that when a GRB
>
> AAVSO GRB: R: +11 h 35m 48s D: +15 d 02 '08 "WHN: 13/01/31 19:10:08.90
> UT Er: 0.05 rad Sn: 141.97 Mn: 23.58
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>
> Best Regards
>

> Salvador Aguirre.
> AGUSA2 108-.
>

988. Proper FTP destination

Yahoo group: Super_SID
Date: 2013-02-06 06:25:39 UTC
From: Steve Berl
Topic: 988 Message: 988

Looking at a few different versions of the supersid.cfg file and poking around in FTP, I am wondering what is the proper host and path name for the FTP upload of data files. Are there different upload destinations for the different file formats? We have a SuperSID receiver and are running software version 1.2.0

Also, we have had firewall problems which have prevented the SuperSID computer from uploading the files directly to the server, but I now have a large and growing collection of files. Is it OK to upload these manually to the server? Is there any point in uploading the older files (from December 2012 forward)?

--
-steve

989. SID monitor for your laboratory?

Yahoo group: Super_SID
Date: 2013-02-10 21:26:47 UTC
From: Deborah Scherrer
Topic: 989 Message: 989

Hello Sergei,

My friend/colleague Sasha Kosovichev, here at Stanford, suggested I contact you. I understand you have an ionospheric research station at Tomsk, in Siberia. And I understand you lead the Laboratory of Space Geophysics.

Sasha thought you might be interested in hosting some of the solar monitoring
instruments we developed here at Stanford. These are educational instruments,
designed to be set up and used by high school students. Called the SID monitors,
these instruments track changes to the Earth's ionosphere caused by solar flares,
and give students access to real scientific data. You can read more about the project at:
http://solar-center.stanford.edu/SID/

There are over 500 of these instruments placed worldwide, though none in Siberia. If
you are interested in hosting one or more of these monitors, we might be able to
make arrangements to provide them for you. The instruments require a host computer,
which need not be fast nor modern. The package includes extensive documentation for setting
up the instruments, taking data, as well as suggested research projects. Stanford hosts
a centralized data repository, open to anyone interested in depositing or retrieving data.

The Society of Amateur Radio Astronomers (SARA) is distributing and supporting these
instruments for us. I have copied them above. If you are interested in setting up
instruments, they can send you an application form. I believe that Stanford can cover
the costs of a few instruments for you, if you wish to have them.

Good luck with all your research activities, and please do contact the SARA people
above (superSID@...) if you wish to obtain instruments.

Thanks.
Deborah Scherrer

Director, Stanford Solar Center

990. Re: SID monitor for your laboratory?

Yahoo group: Super_SID
Date: 2013-02-10 21:28:51 UTC
From: Deborah Scherrer
Topic: 989 Message: 990

Oops, please ignore. Went to the wrong supersid email....

Debbie

On 2/10/13 1:26 PM, Deborah Scherrer wrote:
> Hello Sergei,
>
> My friend/colleague Sasha Kosovichev, here at Stanford, suggested I
> contact you. I understand you have an ionospheric research station at
> Tomsk, in Siberia. And I understand you lead the Laboratory of Space
> Geophysics.
>
> Sasha thought you might be interested in hosting some of the solar
> monitoring
> instruments we developed here at Stanford. These are educational
> instruments,
> designed to be set up and used by high school students. Called the
> SID monitors,
> these instruments track changes to the Earth's ionosphere caused by
> solar flares,
> and give students access to real scientific data. You can read more
> about the project at:
> http://solar-center.stanford.edu/SID/
>
> There are over 500 of these instruments placed worldwide, though none
> in Siberia. If
> you are interested in hosting one or more of these monitors, we might
> be able to
> make arrangements to provide them for you. The instruments require a
> host computer,
> which need not be fast nor modern. The package includes extensive
> documentation for setting
> up the instruments, taking data, as well as suggested research
> projects. Stanford hosts
> a centralized data repository, open to anyone interested in depositing
> or retrieving data.
>
> The Society of Amateur Radio Astronomers (SARA) is distributing and
> supporting these
> instruments for us. I have copied them above. If you are interested
> in setting up
> instruments, they can send you an application form. I believe that
> Stanford can cover
> the costs of a few instruments for you, if you wish to have them.
>

> Good luck with all your research activities, and please do contact the
> SARA people
> above (superSID@...) if you wish to obtain instruments.
>
> Thanks.
> Deborah Scherrer
> Director, Stanford Solar Center

991. Raspberry Pi audio input?

Yahoo group: Super_SID
Date: 2013-02-11 17:39:01 UTC
From: Steve Berl
Topic: 991 Message: 991

Hi,

I seem to remember someone posting about using a Raspberry Pi for SuperSID. I'm wondering how you do the audio input. Are you using the built in audio interface, or some USB attached device? Are you able to maintain 96k samples per second?

--
-steve

992. Re: Proper FTP destination

Yahoo group: Super_SID
Date: 2013-02-11 17:41:07 UTC
From: Steve
Topic: 988 Message: 992

Anyone out there?

--- In Super_SID@yahoogroups.com, Steve Berl wrote:
>
> Looking at a few different versions of the supersid.cfg file and poking
> around in FTP, I am wondering what is the proper host and path name for the
> FTP upload of data files. Are there different upload destinations for the
> different file formats? We have a SuperSID receiver and are running
> software version 1.2.0
>
> Also, we have had firewall problems which have prevented the SuperSID
> computer from uploading the files directly to the server, but I now have a
> large and growing collection of files. Is it OK to upload these manually to
> the server? Is there any point in uploading the older files (from December
> 2012 forward)?
>
> --
> -steve
>

993. Re: [Super_SID] Raspberry Pi audio input?

Yahoo group: Super_SID
Date: 2013-02-12 00:56:13 UTC
From: Eric Gibert
Topic: 991 Message: 993

Hi Steve,

I am using a sound blaster USB card at 48kHz sampling rate. This gives satisfactory results while monitoring two stations.

Best regards

Eric

De : Steve Berl <steveberl@gmail.com>
À : Super_SID@yahoogroups.com
Envoyé le : Mardi 12 février 2013 1h39
Objet : [Super_SID] Raspberry Pi audio input?

Hi,

I seem to remember someone posting about using a Raspberry Pi for SuperSID. I'm wondering how you do the audio input. Are you using the built in audio interface, or some USB attached device? Are you able to maintain 96k samples per second?

--
-steve

994. Re: [Super_SID] Raspberry Pi audio input?

Yahoo group: Super_SID
Date: 2013-02-12 02:15:35 UTC
From: Steve Berl
Topic: 991 Message: 994

Right. Of course it was you Eric. That's why you created the ALSA driver version of SuperSID.

So external interface as opposed to the built in on-board audio.

-steve

On Mon, Feb 11, 2013 at 4:56 PM, Eric Gibert <ericgibert@...> wrote:

> **
>
>
> Hi Steve,
>
> I am using a sound blaster USB card at 48kHz sampling rate. This gives
> satisfactory results while monitoring two stations.
>
> Best regards
>
> Eric
>
> ------------------------------
> *De :* Steve Berl <steveberl@...>
> *À :* Super_SID@yahoogroups.com
> *Envoyé le :* Mardi 12 février 2013 1h39
> *Objet :* [Super_SID] Raspberry Pi audio input?
>
>
> Hi,
>
> I seem to remember someone posting about using a Raspberry Pi for
> SuperSID. I'm wondering how you do the audio input. Are you using the built
> in audio interface, or some USB attached device? Are you able to maintain
> 96k samples per second?
>
> --
> -steve
>
>
>
>

--
-steve

995. Re: [Super_SID] Re: Proper FTP destination

Yahoo group: Super_SID
Date: 2013-02-12 20:50:55 UTC
From: WILLIAM & MELINDA LORD
Topic: 988 Message: 995

Hi Steve,
We have been traveling and did not have much access to e-mail.

Go to http://tech.groups.yahoo.com/group/Super_SID/files/ and you will see a folder "Manually Send Data" with info on how to send SuperSID data manually.

If you have the time, go ahead and send the older files. Stanford keeps the data base so students/users can look at the data for various studies.

Bill & Melinda Lord
http://www.tnskynet.com/
http://www.radio-astronomy.org/
Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

_____
From: Steve <steveberl@...>
To: Super_SID@yahoogroups.com
Sent: Monday, February 11, 2013 11:41 AM
Subject: [Super_SID] Re: Proper FTP destination

Anyone out there?

--- In mailto:Super_SID%40yahoogroups.com, Steve Berl wrote:
>
> Looking at a few different versions of the supersid.cfg file and poking
> around in FTP, I am wondering what is the proper host and path name for the
> FTP upload of data files. Are there different upload destinations for the
> different file formats? We have a SuperSID receiver and are running
> software version 1.2.0
>
> Also, we have had firewall problems which have prevented the SuperSID
> computer from uploading the files directly to the server, but I now have a
> large and growing collection of files. Is it OK to upload these manually to
> the server? Is there any point in uploading the older files (from December
> 2012 forward)?
>
> --
> -steve
>

996. SuperSID data

Yahoo group: Super_SID
Date: 2013-02-11 09:58:15 UTC
From: tayfun2323
Topic: 996 Message: 996

Can you help in interpreting the data of süpersid?

997. SuperSID

Yahoo group: Super_SID
Date: 2013-02-12 10:58:27 UTC
From: tayfunakdogan
Topic: 997 Message: 997
Attachments: 1 described; binary payloads are missing from this source WARC

Power spectrum in this way. How do I change the position of the antenna?

998. Re: [Super_SID] Re: Proper FTP destination

Yahoo group: Super_SID
Date: 2013-02-12 21:15:35 UTC
From: Steve Berl
Topic: 988 Message: 998

Thanks Bill & Melinda,

Yesterday I was able to upload all of our data since December 2012 using FileZilla.

I used host sid-ftp.stanford.edu and directory /incoming/SuperSID/NEW/

The data is there now, so I guess it works with that host and path.

Hopefully we will soon work out the firewall problems that are preventing outbound FTP from Chabot Space & Science Center.

--
-steve

999. Site ID/Monitor ID

Yahoo group: Super_SID
Date: 2013-02-16 01:28:17 UTC
From: WILLIAM & MELINDA LORD
Topic: 999 Message: 999

Hi Folks,

Stanford is receiving data from:

Site "RHT" MonitorID = SuperSID-001
Site "OLGGraz" MonitorID = NONE

We do not know who these belong to. Will you please contact us if you are using either of thse as your site/monitor ID.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1000. Alternative to FTP data upload?

Yahoo group: Super_SID
Date: 2013-02-17 21:49:54 UTC
From: Steve Berl
Topic: 1000 Message: 1000

For a variety of reasons , the network administrators at our science center have not been able to configure our network firewall to allow the FTP transfer from our superSID computer to Stanford.

Are there any alternate ways to get the data uploaded? Does the server allow HTTP data loads?

Thanks in advance,

Steve "sneaker net " Berl

--
-steve

1001. Solar Flare M1.9, SID, 2012 02 17 UT,.

Yahoo group: Super_SID
Date: 2013-02-18 05:07:14 UTC
From: Dr. S.Aguirre
Topic: 1001 Message: 1001

Hi everyone.

Date: 2013 02 17 UT,

Site: 29.10 N , -110.96

Sudden Ionospheric Disturbance Space Weather Monitor

Solar Event: Flare X Ray, M1.9

http://www.swpc.noaa.gov/ftpdir/indices/events/20130217events.txt

Active Region: 1675.

SID`s Images here:

http://tinyurl.com/apuvusy

regards

Salvador Aguirre
Mex.

1002. Re: [Super_SID] Solar Flare M1.9, SID, 2012 02 17 UT,.

Yahoo group: Super_SID
Date: 2013-02-18 15:35:04 UTC
From: WILLIAM & MELINDA LORD
Topic: 1001 Message: 1002

Nice blog and good catch on the flare.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Dr. S.Aguirre <drsaguirre@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, February 17, 2013 11:07 PM
Subject: [Super_SID] Solar Flare M1.9, SID, 2012 02 17 UT,.

Hi everyone.

Date: 2013 02 17 UT,

Site: 29.10 N , -110.96

Sudden Ionospheric Disturbance Space Weather Monitor

Solar Event: Flare X Ray, M1.9

http://www.swpc.noaa.gov/ftpdir/indices/events/20130217events.txt

Active Region: 1675.

SID`s Images here:

http://tinyurl.com/apuvusy

regards

Salvador Aguirre
Mex.

1003. Database of monitors and their locations?

Yahoo group: Super_SID
Date: 2013-02-19 19:17:47 UTC
From: Steve Berl
Topic: 1003 Message: 1003

Hi,

Is there a database of monitors and their locations available anywhere?
I've got all the transmitter locations in a .kml file from
http://sidstation.loudet.org/stations-list-en.xhtml
I'm playing with ideas of plotting things in google earth and would
like to be able to show the paths between transmitters and receivers
on a globe, along with the day/night regions of the earth. Then,
perhaps change some attribute of the path lines (color? width?) based
on signal strength data.

Has anyone done anything like this before? Are there existing
visualizations of the data that I don't know about? My eventual goal
is to make this part of a public exhibit at chabotspace.org, and need
some cool graphics to help explain what this is about, and present the
data.

--
-steve

1004. Re: [Super_SID] Database of monitors and their locations?

Yahoo group: Super_SID
Date: 2013-02-19 19:34:18 UTC
From: Deborah Scherrer
Topic: 1003 Message: 1004

Wow, what a timely question! YES! John O'Neal, copied above, is working on this project even as we speak! (We do have a map of monitor sites up on our website, but it is years out of date.) The UN in Vienna also made a similar map, showing sites and transmitters.

We do not show any particular signal strength issues, but having the sites and transmitters helps a lot! Also, the AWESOME data system also shows the Great Circle Paths between transmitters and sites. However, they only have 25 sites. SID has over 500, so that might be too messy.

At any rate, John has all the locations of the SID and SuperSID instruments, which I sent him last week.i Perhaps the 2 of you could work together on this. John already has some great ideas!

Debbie

On 2/19/13 11:17 AM, Steve Berl wrote:
>
> Hi,
>
> Is there a database of monitors and their locations available anywhere?
> I've got all the transmitter locations in a .kml file from
> http://sidstation.loudet.org/stations-list-en.xhtml
> I'm playing with ideas of plotting things in google earth and would
> like to be able to show the paths between transmitters and receivers
> on a globe, along with the day/night regions of the earth. Then,
> perhaps change some attribute of the path lines (color? width?) based
> on signal strength data.
>
> Has anyone done anything like this before? Are there existing
> visualizations of the data that I don't know about? My eventual goal
> is to make this part of a public exhibit at chabotspace.org, and need
> some cool graphics to help explain what this is about, and present the
> data.
>
> --
> -steve
>
>

1005. Re: [Super_SID] Database of monitors and their locations?

Yahoo group: Super_SID
Date: 2013-02-19 22:13:25 UTC
From: kohamher1@...
Topic: 1003 Message: 1005

hi, Steve, nice to meet you. Deborah sent me excel files with all the sid and supersid stations listed. the info in these files could be extracted into a kml file and added to a public file that anybody can be granted access to.
I don't know how to build kml files yet but have started to learn. If you already know how to do this you are higher up the curve than I am, so could probably make this happen quicker.
You stated that you want to do this for a feature on your website. Would you also be willing to make a file for Stanford to own and maintain? (I think Deborah wants me to maintain the file.)
If so, I can send you the sid data files.
I was envisioning adding info from the file to each placemark, like user name, station id, xmitters monitored, etc.
I was also thinking about using the Stanford sid logo as the placemark symbol, and using a tower graphic for the xmitters. Circle overlays could be placed around xmitters to represent their field strength over distance.
There's lots of ideas and it looks like we can pretty much do as we please as long as we get Stanford the map. The more bells and whistles the better.
Let me know your wishes...

Astronomically, John

Astronomically Sent from Yahoo! Mail for iPhone5

1006. Re: [Super_SID] Database of monitors and their locations?

Yahoo group: Super_SID
Date: 2013-02-21 03:36:13 UTC
From: Steve Berl
Topic: 1003 Message: 1006

Actually I wasn't thinking about a web site, but about a floor exhibit for Chabot Space & Science Center, but they could be one and the same.

I also have not done much with KML files, but I do see that their are some python libraries for building and parsing them, so I don't imagine it can be too difficult to write some code to grab fields out of the excel files and put them in this format. Perhaps I can develop a tool to do that, which I am happy to give to the Stanford folks. Then they can update the KML whenever they update their excel files.

-steve

On Tue, Feb 19, 2013 at 2:13 PM, <kohamher1@...> wrote:

> hi, Steve, nice to meet you. Deborah sent me excel files with all the sid
> and supersid stations listed. the info in these files could be extracted
> into a kml file and added to a public file that anybody can be granted
> access to.
> I don't know how to build kml files yet but have started to learn. If you
> already know how to do this you are higher up the curve than I am, so could
> probably make this happen quicker.
> You stated that you want to do this for a feature on your website. Would
> you also be willing to make a file for Stanford to own and maintain? (I
> think Deborah wants me to maintain the file.)
> If so, I can send you the sid data files.
> I was envisioning adding info from the file to each placemark, like user
> name, station id, xmitters monitored, etc.
> I was also thinking about using the Stanford sid logo as the placemark
> symbol, and using a tower graphic for the xmitters. Circle overlays could
> be placed around xmitters to represent their field strength over distance.
> There's lots of ideas and it looks like we can pretty much do as we please
> as long as we get Stanford the map. The more bells and whistles the better.
> Let me know your wishes...
>
> Astronomically, John
>
>
>
> Astronomically Sent from Yahoo! Mail for iPhone5
>
> ----------
> * From: * Deborah Scherrer <dscherrer@...>;
> * To: * <Super_SID@yahoogroups.com>;
> * Cc: * Steve Berl <steveberl@...>; <kohamher1@gmail.com>;
> * Subject: * Re: [Super_SID] Database of monitors and their locations?
> * Sent: * Tue, Feb 19, 2013 7:34:18 PM

>
>
>
> Wow, what a timely question! YES! John O'Neal, copied above, is working
> on this
> project even as we speak! (We do have a map of monitor sites up on our
> website, but it is years
> out of date.) The UN in Vienna also made a similar map, showing sites and
> transmitters.
>
> We do not show any particular signal strength issues, but having the sites
> and transmitters
> helps a lot! Also, the AWESOME data system also shows the Great Circle
> Paths between
> transmitters and sites. However, they only have 25 sites. SID has over
> 500, so that
> might be too messy.
>
> At any rate, John has all the locations of the SID and SuperSID
> instruments, which I sent
> him last week.i Perhaps the 2 of you could work together on this. John
> already has
> some great ideas!
>
> Debbie
>
>
> On 2/19/13 11:17 AM, Steve Berl wrote:
>
>
>
> Hi,
>
> Is there a database of monitors and their locations available anywhere?
> I've got all the transmitter locations in a .kml file from
> http://sidstation.loudet.org/stations-list-en.xhtml
> I'm playing with ideas of plotting things in google earth and would
> like to be able to show the paths between transmitters and receivers
> on a globe, along with the day/night regions of the earth. Then,
> perhaps change some attribute of the path lines (color? width?) based
> on signal strength data.
>
> Has anyone done anything like this before? Are there existing
> visualizations of the data that I don't know about? My eventual goal
> is to make this part of a public exhibit at chabotspace.org, and need
> some cool graphics to help explain what this is about, and present the
> data.
>
> --
> -steve

>
>
>
>

--
-steve

1007. Re: [Super_SID] Solar Flare M1.9, SID, 2012 02 17 UT,.

Yahoo group: Super_SID
Date: 2013-02-21 05:18:27 UTC
From: Steve Berl
Topic: 1001 Message: 1007

Finally got to my data today. Got to get those FTP/firewall problems fixed
:-(

http://sid.stanford.edu/database-browser/browse.jsp?date=2013-02-16T00.00.00&display=vertical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM&monitor=035$CSSC$NWC&monitor=035$CSSC$NML

I can see hints of the SID, but it's pretty close to the regular "morning
bump". Why don't these flares know they should be happening in the middle
of daytime at my site in California :-)

- NPM, the bump might be a little bigger than the day before or the day
after, but not by much.
- NWC has a significantly bigger bump that morning, and the signal is
stronger than normal most of the morning
- NML shows a distinct blip at just the right time, that has no counterpart
on the day before or the day after.

Hope we get some more flares soon.

-steve

On Mon, Feb 18, 2013 at 7:35 AM, WILLIAM & MELINDA LORD <
ap_guardian@...> wrote:

> **
>
>
> Nice blog and good catch on the flare.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* Dr. S.Aguirre <drsaguirre@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Sunday, February 17, 2013 11:07 PM
> *Subject:* [Super_SID] Solar Flare M1.9, SID, 2012 02 17 UT,.
>
>
>
> Hi everyone.
>

> Date: 2013 02 17 UT,
>
>
> Site: 29.10 N , -110.96
>
> Sudden Ionospheric Disturbance Space Weather Monitor
>
> Solar Event: Flare X Ray, M1.9
>
> http://www.swpc.noaa.gov/ftpdir/indices/events/20130217events.txt
>
> Active Region: 1675.
>
> SID`s Images here:
>
> http://tinyurl.com/apuvusy
>
>
> regards
>
> Salvador Aguirre
> Mex.
>
>
>
>
>
>
>
>
>
>

--
-steve

1008. Re: [Super_SID] Solar Flare M1.9, SID, 2012 02 17 UT,.

Yahoo group: Super_SID
Date: 2013-02-21 18:52:39 UTC
From: Deborah Scherrer
Topic: 1001 Message: 1008

Steve, the flares listed across the top of the graph for this date
are very small, low Cs. Most SID monitors don't pick these up.
Usually takes a good M-class flare to be captured by the SIDs.

Debbie

On 2/20/13 9:18 PM, Steve Berl wrote:
>
> Finally got to my data today. Got to get those FTP/firewall problems
> fixed :-(
>
>
> http://sid.stanford.edu/database-browser/browse.jsp?date=2013-02-16T00.00.00&display=ver
tical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM&monitor=035
$CSSC$NWC&monitor=035$CSSC$NML
>
> I can see hints of the SID, but it's pretty close to the regular
> "morning bump". Why don't these flares know they should be happening
> in the middle of daytime at my site in California :-)
>
> - NPM, the bump might be a little bigger than the day before or the
> day after, but not by much.
> - NWC has a significantly bigger bump that morning, and the signal is
> stronger than normal most of the morning
> - NML shows a distinct blip at just the right time, that has no
> counterpart on the day before or the day after.
>
> Hope we get some more flares soon.
>
> -steve
>
> On Mon, Feb 18, 2013 at 7:35 AM, WILLIAM & MELINDA LORD
> <ap_guardian@... <mailto:ap_guardian@...>> wrote:
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> Nice blog and good catch on the flare.
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> *From:* Dr. S.Aguirre <drsaguirre@...
> <mailto:drsaguirre@...>>

> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
> *Sent:* Sunday, February 17, 2013 11:07 PM
> *Subject:* [Super_SID] Solar Flare M1.9, SID, 2012 02 17 UT,.
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>
> Hi everyone.
>
> Date: 2013 02 17 UT,
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> Site: 29.10 N , -110.96
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> Salvador Aguirre
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>
>
> --
> -steve
>

1009. Re: [Super_SID] Solar Flare M1.9, SID, 2012 02 17 UT,.

Yahoo group: Super_SID
Date: 2013-02-22 17:34:45 UTC
From: Steve Berl
Topic: 1001 Message: 1009

The one in the middle of the chart link i sent out 2013-02017 1545 UTC was
an M1.9.

Dr. Aguirre's monitor in Mexico showered a SID event, and I had hoped to
see a bigger effect on my plots.

Steve

On Thursday, February 21, 2013, Deborah Scherrer wrote:

> Steve, the flares listed across the top of the graph for this date
> are very small, low Cs. Most SID monitors don't pick these up.
> Usually takes a good M-class flare to be captured by the SIDs.
>
> Debbie
>
> On 2/20/13 9:18 PM, Steve Berl wrote:
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> Finally got to my data today. Got to get those FTP/firewall problems fixed
> :-(
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> http://sid.stanford.edu/database-browser/browse.jsp?date=2013-02-16T00.00.00&display=ver
tical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM&monitor=035
$CSSC$NWC&monitor=035$CSSC$NML
>
> I can see hints of the SID, but it's pretty close to the regular
> "morning bump". Why don't these flares know they should be happening in the
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> ap_guardian@...> wrote:
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> Bill & Melinda Lord
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> *From:* Dr. S.Aguirre <drsaguirre@...>
> *To:* Super_SID@yahoogroups.com
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>
> Hi everyone.
>
> Date: 2013 02 17 UT,
>
>
> Site: 29.10 N , -110.96
>
> --
> -steve
>
>
>
>

--
-steve

1010. Re: Solar Flare M1.9, SID, 2012 02 17 UT,.

Yahoo group: Super_SID
Date: 2013-02-24 10:03:47 UTC
From: abrandi2000
Topic: 1001 Message: 1010

Hello Steve,

>> I had hoped to see a bigger effect on my plots.

It is possible that you can't detect a X-Flare!!

Detection of SID is depend on Flare strenght, Time, distance / direction between Transmitter and Receiver.

High noon with good Transmitter direction and distance you can detect with SuperSID < than C Class Flares. Best here was last year a B7.2
Other days / time i cant see a M Flare. Thats why it is good to have Data from other SuperSID!

regards,
Karl-Heinz

--- In Super_SID@yahoogroups.com, Steve Berl <steveberl@...> wrote:
>
> The one in the middle of the chart link i sent out 2013-02017 1545 UTC was
> an M1.9.
>
> Dr. Aguirre's monitor in Mexico showered a SID event, and I had hoped to
> see a bigger effect on my plots.
>
> Steve
>
> On Thursday, February 21, 2013, Deborah Scherrer wrote:
>
> > Steve, the flares listed across the top of the graph for this date
> > are very small, low Cs. Most SID monitors don't pick these up.
> > Usually takes a good M-class flare to be captured by the SIDs.
> >
> > Debbie
> >
> > On 2/20/13 9:18 PM, Steve Berl wrote:
> >
> >
> >
> > Finally got to my data today. Got to get those FTP/firewall problems fixed
> > :-(
> >
> >
> > http://sid.stanford.edu/database-browser/browse.jsp?date=2013-02-16T00.00.00&display=vertical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM&monitor=035$CSSC$NWC&monitor=035$CSSC$NML

> >
> > I can see hints of the SID, but it's pretty close to the regular
> > "morning bump". Why don't these flares know they should be happening in the
> > middle of daytime at my site in California :-)
> >
> > - NPM, the bump might be a little bigger than the day before or the day
> > after, but not by much.
> > - NWC has a significantly bigger bump that morning, and the signal is
> > stronger than normal most of the morning
> > - NML shows a distinct blip at just the right time, that has no
> > counterpart on the day before or the day after.
> >
> > Hope we get some more flares soon.
> >
> > -steve
> >
> > On Mon, Feb 18, 2013 at 7:35 AM, WILLIAM & MELINDA LORD <
> > ap_guardian@...> wrote:
> >
> >
> > Nice blog and good catch on the flare.
> >
> > Bill & Melinda Lord
> > www.tnSkyNet.com
> > www.radio-astronomy.org
> >
> > Light travels faster than sound. This is why some people appear bright
> > until you hear them speak. :-)
> >
> > ------------------------------
> > *From:* Dr. S.Aguirre <drsaguirre@...>
> > *To:* Super_SID@yahoogroups.com
> > *Sent:* Sunday, February 17, 2013 11:07 PM
> > *Subject:* [Super_SID] Solar Flare M1.9, SID, 2012 02 17 UT,.
> >
> >
> >
> > Hi everyone.
> >
> > Date: 2013 02 17 UT,
> >
> >
> > Site: 29.10 N , -110.96
> >
> > --
> > -steve
> >
> >
> >
> >

>
> --
> -steve
>

1011. Mointor map

Yahoo group: Super_SID
Date: 2013-02-25 16:30:21 UTC
From: tomrdew
Topic: 1011 Message: 1011

I was looking at the Stanford site map and don't see my site.
http://solar-center.stanford.edu/SID/map/

I wonder if they will ever update it? also I have about 3-4 months of data files and just turned on the upload setting. Was getting error about system not finding file "supersid_upload.exe" found it on the stanford site and copied it to SuperSid program file. Hope that works.
Could someone look at some of my data and tell me if things look OK.
Thanks Tom

1012. Re: [Super_SID] Mointor map

Yahoo group: Super_SID
Date: 2013-02-25 16:37:36 UTC
From: Deborah Scherrer
Topic: 1011 Message: 1012

We are working on the site map "even as we speak", thanks to John O'Neal!

Debbie

On 2/25/13 8:30 AM, tomrdew wrote:
>
> I was looking at the Stanford site map and don't see my site.
> http://solar-center.stanford.edu/SID/map/
>
> I wonder if they will ever update it? also I have about 3-4 months of
> data files and just turned on the upload setting. Was getting error
> about system not finding file "supersid_upload.exe" found it on the
> stanford site and copied it to SuperSid program file. Hope that works.
> Could someone look at some of my data and tell me if things look OK.
> Thanks Tom
>
>

1013. Re: [Super_SID] Database of monitors and their locations?

Yahoo group: Super_SID
Date: 2013-02-25 22:26:28 UTC
From: Steve Berl
Topic: 1003 Message: 1013

Started playing with reading the .xls file I got from Bill & Melinda Lord.
There are a lot of variations on the format of the data in the latitude and
longitude column that is making it a bit challenging, but I'm getting
closer.

-steve

On Tue, Feb 19, 2013 at 2:13 PM, <kohamher1@...> wrote:

> hi, Steve, nice to meet you. Deborah sent me excel files with all the sid
> and supersid stations listed. the info in these files could be extracted
> into a kml file and added to a public file that anybody can be granted
> access to.
> I don't know how to build kml files yet but have started to learn. If you
> already know how to do this you are higher up the curve than I am, so could
> probably make this happen quicker.
> You stated that you want to do this for a feature on your website. Would
> you also be willing to make a file for Stanford to own and maintain? (I
> think Deborah wants me to maintain the file.)
> If so, I can send you the sid data files.
> I was envisioning adding info from the file to each placemark, like user
> name, station id, xmitters monitored, etc.
> I was also thinking about using the Stanford sid logo as the placemark
> symbol, and using a tower graphic for the xmitters. Circle overlays could
> be placed around xmitters to represent their field strength over distance.
> There's lots of ideas and it looks like we can pretty much do as we please
> as long as we get Stanford the map. The more bells and whistles the better.
> Let me know your wishes...
>
> Astronomically, John
>
>
>
> Astronomically Sent from Yahoo! Mail for iPhone5
>
> ------------------------------
> * From: * Deborah Scherrer <dscherrer@...>;
> * To: * <Super_SID@yahoogroups.com>;
> * Cc: * Steve Berl <steveberl@...>; <kohamher1@...>;
> * Subject: * Re: [Super_SID] Database of monitors and their locations?
> * Sent: * Tue, Feb 19, 2013 7:34:18 PM
>
>
>
> Wow, what a timely question! YES! John O'Neal, copied above, is working
> on this

> project even as we speak! (We do have a map of monitor sites up on our
> website, but it is years
> out of date.) The UN in Vienna also made a similar map, showing sites and
> transmitters.
>
> We do not show any particular signal strength issues, but having the sites
> and transmitters
> helps a lot! Also, the AWESOME data system also shows the Great Circle
> Paths between
> transmitters and sites. However, they only have 25 sites. SID has over
> 500, so that
> might be too messy.
>
> At any rate, John has all the locations of the SID and SuperSID
> instruments, which I sent
> him last week.i Perhaps the 2 of you could work together on this. John
> already has
> some great ideas!
>
> Debbie
>
>
> On 2/19/13 11:17 AM, Steve Berl wrote:
>
>
>
> Hi,
>
> Is there a database of monitors and their locations available anywhere?
> I've got all the transmitter locations in a .kml file from
> http://sidstation.loudet.org/stations-list-en.xhtml
> I'm playing with ideas of plotting things in google earth and would
> like to be able to show the paths between transmitters and receivers
> on a globe, along with the day/night regions of the earth. Then,
> perhaps change some attribute of the path lines (color? width?) based
> on signal strength data.
>
> Has anyone done anything like this before? Are there existing
> visualizations of the data that I don't know about? My eventual goal
> is to make this part of a public exhibit at chabotspace.org, and need
> some cool graphics to help explain what this is about, and present the
> data.
>
> --
> -steve
>
>
>
>

--
-steve

1014. Re: [Super_SID] Database of monitors and their locations?

Yahoo group: Super_SID
Date: 2013-02-25 22:34:17 UTC
From: Deborah Scherrer
Topic: 1003 Message: 1014

Yep, that is one of the downsides of dealing with the public.
Choice of characters in site names has also bitten us. Who
would have thunk that people would use special characters in
their site names (#, &, ?, etc.).

The usual way people try to
deal with this is to make rules (which are completeliy unenforcable).
We have found that doesn't work very well, and ends up causing
undo grief. The right way to deal with it is to teach your
software to handle the various formats. Sorry, but my attitude,
after having spent a lifetime in computer science, is that anything
a computer CAN do, it SHOULD do. It's easier than getting people
to do the right thing...

So, the first subroutine one might write here would be to take
a latitude/longitude input, in any format, and output the format
that you wish it had been in in the first place. ;-)

Debbie

On 2/25/13 2:26 PM, Steve Berl wrote:
>
> Started playing with reading the .xls file I got from Bill & Melinda
> Lord. There are a lot of variations on the format of the data in the
> latitude and longitude column that is making it a bit challenging, but
> I'm getting closer.
>
>
> -steve
>
> On Tue, Feb 19, 2013 at 2:13 PM, <kohamher1@...
> <mailto:kohamher1@...>> wrote:
>
> hi, Steve, nice to meet you. Deborah sent me excel files with all
> the sid and supersid stations listed. the info in these files
> could be extracted into a kml file and added to a public file that
> anybody can be granted access to.
> I don't know how to build kml files yet but have started to learn.
> If you already know how to do this you are higher up the curve
> than I am, so could probably make this happen quicker.
> You stated that you want to do this for a feature on your website.
> Would you also be willing to make a file for Stanford to own and
> maintain? (I think Deborah wants me to maintain the file.)
> If so, I can send you the sid data files.
> I was envisioning adding info from the file to each placemark,
> like user name, station id, xmitters monitored, etc.

> I was also thinking about using the Stanford sid logo as the
> placemark symbol, and using a tower graphic for the xmitters.
> Circle overlays could be placed around xmitters to represent their
> field strength over distance.
> There's lots of ideas and it looks like we can pretty much do as
> we please as long as we get Stanford the map. The more bells and
> whistles the better.
> Let me know your wishes...
>
> Astronomically, John
>
>
>
> Astronomically Sent from Yahoo! Mail for iPhone5
>
>
> ---
> *From: * Deborah Scherrer <dscherrer@...
> <mailto:dscherrer@...>>;
> *To: * <Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>>;
> *Cc: * Steve Berl <steveberl@...
> <mailto:steveberl@...>>; <kohamher1@...
> <mailto:kohamher1@...>>;
> *Subject: * Re: [Super_SID] Database of monitors and their locations?
> *Sent: * Tue, Feb 19, 2013 7:34:18 PM
>
> Wow, what a timely question! YES! John O'Neal, copied above, is
> working on this
> project even as we speak! (We do have a map of monitor sites up on
> our website, but it is years
> out of date.) The UN in Vienna also made a similar map, showing
> sites and transmitters.
>
> We do not show any particular signal strength issues, but having
> the sites and transmitters
> helps a lot! Also, the AWESOME data system also shows the Great
> Circle Paths between
> transmitters and sites. However, they only have 25 sites. SID has
> over 500, so that
> might be too messy.
>
> At any rate, John has all the locations of the SID and SuperSID
> instruments, which I sent
> him last week.i Perhaps the 2 of you could work together on
> this. John already has
> some great ideas!
>
> Debbie
>

>
> On 2/19/13 11:17 AM, Steve Berl wrote:
>>
>> Hi,
>>
>> Is there a database of monitors and their locations available
>> anywhere?
>> I've got all the transmitter locations in a .kml file from
>> http://sidstation.loudet.org/stations-list-en.xhtml
>> I'm playing with ideas of plotting things in google earth and would
>> like to be able to show the paths between transmitters and receivers
>> on a globe, along with the day/night regions of the earth. Then,
>> perhaps change some attribute of the path lines (color? width?) based
>> on signal strength data.
>>
>> Has anyone done anything like this before? Are there existing
>> visualizations of the data that I don't know about? My eventual goal
>> is to make this part of a public exhibit at chabotspace.org
>> <http://chabotspace.org>, and need
>> some cool graphics to help explain what this is about, and
>> present the
>> data.
>>
>> --
>> -steve
>>
>
>
>
>
> --
> -steve
>

1015. Re: [Super_SID] Database of monitors and their locations?

Yahoo group: Super_SID
Date: 2013-02-25 23:11:16 UTC
From: Steve Berl
Topic: 1003 Message: 1015

Having also spent a lifetime in computer science, I have to agree :-)

-steve

On Mon, Feb 25, 2013 at 2:34 PM, Deborah Scherrer <
dscherrer@...nford.edu> wrote:

> Yep, that is one of the downsides of dealing with the public.
> Choice of characters in site names has also bitten us. Who
> would have thunk that people would use special characters in
> their site names (#, &, ?, etc.).
>
> The usual way people try to
> deal with this is to make rules (which are completeliy unenforcable).
> We have found that doesn't work very well, and ends up causing
> undo grief. The right way to deal with it is to teach your
> software to handle the various formats. Sorry, but my attitude,
> after having spent a lifetime in computer science, is that anything
> a computer CAN do, it SHOULD do. It's easier than getting people
> to do the right thing...
>
> So, the first subroutine one might write here would be to take
> a latitude/longitude input, in any format, and output the format
> that you wish it had been in in the first place. ;-)
>
> Debbie
>
>
>
>
> On 2/25/13 2:26 PM, Steve Berl wrote:
>
>
>
> Started playing with reading the .xls file I got from Bill & Melinda Lord.
> There are a lot of variations on the format of the data in the latitude and
> longitude column that is making it a bit challenging, but I'm getting
> closer.
>
> -steve
>
> On Tue, Feb 19, 2013 at 2:13 PM, <kohamher1@...> wrote:
>
>> hi, Steve, nice to meet you. Deborah sent me excel files with all the
>> sid and supersid stations listed. the info in these files could be
>> extracted into a kml file and added to a public file that anybody can be

>> granted access to.
>> I don't know how to build kml files yet but have started to learn. If you
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>> probably make this happen quicker.
>> You stated that you want to do this for a feature on your website. Would
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>> think Deborah wants me to maintain the file.)
>> If so, I can send you the sid data files.
>> I was envisioning adding info from the file to each placemark, like user
>> name, station id, xmitters monitored, etc.
>> I was also thinking about using the Stanford sid logo as the placemark
>> symbol, and using a tower graphic for the xmitters. Circle overlays could
>> be placed around xmitters to represent their field strength over distance.
>> There's lots of ideas and it looks like we can pretty much do as we
>> please as long as we get Stanford the map. The more bells and whistles the
>> better.
>> Let me know your wishes...
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>> Astronomically, John
>>
>>
>>
>> Astronomically Sent from Yahoo! Mail for iPhone5
>>
>> ------------------------------
>> * From: * Deborah Scherrer <dscherrer@...>;
>> * To: * <Super_SID@yahoogroups.com>;
>> * Cc: * Steve Berl <steveberl@...>; <kohamher1@...>;
>> * Subject: * Re: [Super_SID] Database of monitors and their locations?
>> * Sent: * Tue, Feb 19, 2013 7:34:18 PM
>>
>>
>>
>> Wow, what a timely question! YES! John O'Neal, copied above, is working
>> on this
>> project even as we speak! (We do have a map of monitor sites up on our
>> website, but it is years
>> out of date.) The UN in Vienna also made a similar map, showing sites
>> and transmitters.
>>
>> We do not show any particular signal strength issues, but having the
>> sites and transmitters
>> helps a lot! Also, the AWESOME data system also shows the Great Circle
>> Paths between
>> transmitters and sites. However, they only have 25 sites. SID has over
>> 500, so that
>> might be too messy.
>>
>> At any rate, John has all the locations of the SID and SuperSID
>> instruments, which I sent

>> him last week.i Perhaps the 2 of you could work together on this. John
>> already has
>> some great ideas!
>>
>> Debbie
>>
>>
>> On 2/19/13 11:17 AM, Steve Berl wrote:
>>
>>
>>
>> Hi,
>>
>> Is there a database of monitors and their locations available anywhere?
>> I've got all the transmitter locations in a .kml file from
>> http://sidstation.loudet.org/stations-list-en.xhtml
>> I'm playing with ideas of plotting things in google earth and would
>> like to be able to show the paths between transmitters and receivers
>> on a globe, along with the day/night regions of the earth. Then,
>> perhaps change some attribute of the path lines (color? width?) based
>> on signal strength data.
>>
>> Has anyone done anything like this before? Are there existing
>> visualizations of the data that I don't know about? My eventual goal
>> is to make this part of a public exhibit at chabotspace.org, and need
>> some cool graphics to help explain what this is about, and present the
>> data.
>>
>> --
>> -steve
>>
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>>
>
>
> --
> -steve
>
>
>
>

--
-steve

1016. Noise question

Yahoo group: Super_SID
Date: 2013-03-02 12:42:29 UTC
From: Tulio
Topic: 1016 Message: 1016
Attachments: 3 described; binary payloads are missing from this source WARC

Hello!

My name is Tulio Baars and I'm a high school student in Brazil, a happy owner and operator of a Radio Jove and a SuperSID monitor.

I've recently finished the construction of my SuperSID Loop antenna and have been running for two days. But comparing my graphs with the ones from the SID Manual, it seems very strange. The antenna is located outdoors away from TV sets, motors, lamps, energy lines, telephones and computers (at least 40ft/12m away). I'm unable to detect the sunrise and sunset, and there's a weird increase in power as frequency decreases. Just to locate you guys, I live in the countryside of Santa Catarina - Brasil (near Uruguay, in the south), in the very center of the SAA, South Atlantic magnetic Anomaly (a kind of failure on Earth's magnetic field that makes it weaker in this region, causing the Van Allen Radiation Belt to drown in the direction of the Earth and implying on several effects on telecommunications and solar flare effects - actually, mapping and understanding the effects and differences of solar bursts/flares on the SAA region is the main goal of my research).

I'll attach my graphs and a picture of my loop antenna. The antenna is octogonal and inspire on the Mike Tuggle's Loop Antenna, has a impedance of 11.8 Ohm and runs with a 65ft/20m RG59/75 Ohm coax cable.

Thank you very much,

Sorry if this is the wrong place for posting questions, but I'm a little concerned about the graphs. Sorry too for my bad english, if is there anything wrong in my email, feel free to correct me.

1017. Re: [Super_SID] Noise question [3 Attachments]

Yahoo group: Super_SID
Date: 2013-03-03 02:19:21 UTC
From: Steve Berl
Topic: 1016 Message: 1017

That big drop in the spectrum above 24kHz looks suspiciously like you have the sample rate set to 48000 instead of 96000.

Also make sure that the audio input is selected properly in the audio control panel, and that the input sound level is set appropriately.

Steve

On Saturday, March 2, 2013, Tulio wrote:

> **
>
> [Attachment(s) <#13d2d834245f3bb7_TopText> from Tulio included below]
>
> Hello!
>
> My name is Tulio Baars and I'm a high school student in Brazil, a happy
> owner and operator of a Radio Jove and a SuperSID monitor.
>
> I've recently finished the construction of my SuperSID Loop antenna and
> have been running for two days. But comparing my graphs with the ones from
> the SID Manual, it seems very strange. The antenna is located outdoors away
> from TV sets, motors, lamps, energy lines, telephones and computers (at
> least 40ft/12m away). I'm unable to detect the sunrise and sunset, and
> there's a weird increase in power as frequency decreases. Just to locate
> you guys, I live in the countryside of Santa Catarina - Brasil (near
> Uruguay, in the south), in the very center of the SAA, South Atlantic
> magnetic Anomaly (a kind of failure on Earth's magnetic field that makes it
> weaker in this region, causing the Van Allen Radiation Belt to drown in the
> direction of the Earth and implying on several effects on
> telecommunications and solar flare effects - actually, mapping and
> understanding the effects and differences of solar bursts/flares on the SAA
> region is the main goal of my research).
>
> I'll attach my graphs and a picture of my loop antenna. The antenna is
> octogonal and inspire on the Mike Tuggle's Loop Antenna, has a impedance of
> 11.8 Ohm and runs with a 65ft/20m RG59/75 Ohm coax cable.
>
> Thank you very much,
>
> Sorry if this is the wrong place for posting questions, but I'm a little
> concerned about the graphs. Sorry too for my bad english, if is there
> anything wrong in my email, feel free to correct me.
>
>
>

--
-steve

1018. Re: Noise question

Yahoo group: Super_SID
Date: 2013-03-03 11:31:55 UTC
From: abrandi2000
Topic: 1016 Message: 1018

Hello Tulio,

this drop is ok, when you use a soundcard that is only able to sample 48Khz and configured in SuperSID to 96Khz.
Bevor we can help you, we Need some Hardware Information.

Antenna:
preamp:
Soundcard:

Maybe a copy of your SuperSID config and what VLF Transmitter do you receive at your location??

regards,
Karl-Heinz
DARO
http://www.radio-astronomie.de

--- In Super_SID@yahoogroups.com, Tulio <tuliobaars@...> wrote:
>
> Hello!
>
> My name is Tulio Baars and I'm a high school student in Brazil, a happy
> owner and operator of a Radio Jove and a SuperSID monitor.
>
> I've recently finished the construction of my SuperSID Loop antenna and
> have been running for two days. But comparing my graphs with the ones from
> the SID Manual, it seems very strange. The antenna is located outdoors away
> from TV sets, motors, lamps, energy lines, telephones and computers (at
> least 40ft/12m away). I'm unable to detect the sunrise and sunset, and
> there's a weird increase in power as frequency decreases. Just to locate
> you guys, I live in the countryside of Santa Catarina - Brasil (near
> Uruguay, in the south), in the very center of the SAA, South Atlantic
> magnetic Anomaly (a kind of failure on Earth's magnetic field that makes it
> weaker in this region, causing the Van Allen Radiation Belt to drown in the
> direction of the Earth and implying on several effects on
> telecommunications and solar flare effects - actually, mapping and
> understanding the effects and differences of solar bursts/flares on the SAA
> region is the main goal of my research).
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> I'll attach my graphs and a picture of my loop antenna. The antenna is
> octogonal and inspire on the Mike Tuggle's Loop Antenna, has a impedance of
> 11.8 Ohm and runs with a 65ft/20m RG59/75 Ohm coax cable.
>
> Thank you very much,
>

> Sorry if this is the wrong place for posting questions, but I'm a little
> concerned about the graphs. Sorry too for my bad english, if is there
> anything wrong in my email, feel free to correct me.
>

1019. RE: [Super_SID] Re: Noise question

Yahoo group: Super_SID
Date: 2013-03-03 12:19:45 UTC
From: Tulio Baars
Topic: 1016 Message: 1019
Attachments: 3 described; binary payloads are missing from this source WARC

Hello,

Thanks Mr. Steve and Mr. Karl. You□re right, I did set the SuperSID to 96kHz but Windows was configured to 48kHz. I did set up properly today 2:20 UTC and have been running since. News graphs are attached. Is it normal to have such high power low frequency signal such as mine? There isn□t any significant power line around, the nearest low voltage pole (220v) is at least 100ft from the antenna (power lines operates here at 60Hz, could this noise be from a power line?).

And as you asked, here are my specs:

Antenna: Octogonal Loop Antenna with 1.6m radius, built from cinnamon wood and wired using the wire provided along the SuperSID kit (antenna impedance is about 11.8 Ohm), has a 65ft/20m RG59 U/75 Ohm coax cable almost strained for not creating a second induction field that would make a second □antenna□, I□m including a picture.

Preamp: SuperSID v2, received through a Student Grant from SARA □ Society of Amateur Radio Astromers.

Soundcard: onboard ASUS M4A785-M from a 2006 Dell Inspiron 531 Desktop. Has a 192kHz/24bit maximum input/output.

Thanks in advance,

Best regards

Tulio Baars

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of abrandi2000
Sent: domingo, 3 de março de 2013 08:32
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Noise question

Hello Tulio,

this drop is ok, when you use a soundcard that is only able to sample 48Khz and configured in SuperSID to 96Khz.
Bevor we can help you, we Need some Hardware Information.

Antenna:
preamp:
Soundcard:

Maybe a copy of your SuperSID config and what VLF Transmitter do you receive
at your location??

regards,
Karl-Heinz
DARO
http://www.radio-astronomie.de

--- In Super_SID@yahoogroups.com <mailto:Super_SID%40yahoogroups.com> ,
Tulio wrote:
>
> Hello!
>
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> concerned about the graphs. Sorry too for my bad english, if is there
> anything wrong in my email, feel free to correct me.
>

1020. Re: [Super_SID] Re: Noise question [3 Attachments]

Yahoo group: Super_SID
Date: 2013-03-03 17:04:41 UTC
From: John ONeal
Topic: 1016 Message: 1020

Tulio, I just looked at your (DARO) charts for March 1st, 2013 and they look great to me. You have a nice diurnal hump during the daylite hours, and the usual "all over the place" swings during the night. Your field strength attachment looks good, too. You have a nice low noise floor and your received signals appear to be above that level.

I've learned that it's hard to get all the stations you monitor to have a standard daylite curve. If you optimize one station, another will suffer. I think that's just the nature of the beast. When I first setup my station, I spent a month going outside everyday and turning the antenna several degrees and comparing charts before finally settling on an optimal configuration. As you no doubt already know, the lay of the land around you, objects between you and the transmitters, power output of the transmitter and your distance from the transmitters all effect your readings.

Your signal doesn't look too bad to me. The only thing I can say to improve your signal is to rotate your antenna to find your optimize signal. And try moving the coax and receiver around in your shack. Your computer may be interfering. When I originally setup my station I ran the coax out the hole in my wall where my radio antennas ran. First time I keyed up my Yaesu FT-101 Echo at 100 watts my charts spiked like crazy!!!!! I had to reroute the SID coax to the opposite side of the room.
Later in the year I added a printer and of course it interfered, too. Had to move it.

Keep experimenting and paying attention to details and you'll soon be seeing optimal performance, I'm sure!!!!

John

_____
From: Tulio Baars <tuliobaars@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, March 3, 2013 7:19 AM
Subject: RE: [Super_SID] Re: Noise question [3 Attachments]

[Attachment(s) from Tulio Baars included below]
Hello,

Thanks Mr. Steve and Mr. Karl. You’re right, I did set the SuperSID to 96kHz but Windows was configured to 48kHz. I did set up properly today 2:20 UTC and have been running since. News graphs are attached. Is it normal to have such high power low frequency signal such as mine? There isn’t any significant power line around, the nearest low voltage pole (220v) is at least 100ft from the antenna (power lines operates here at 60Hz, could this noise be from a power line?).

And as you asked, here are my specs:

Antenna: Octogonal Loop Antenna with 1.6m radius, built from cinnamon wood and wired using the wire provided along the SuperSID kit (antenna impedance is about 11.8 Ohm), has a 65ft/20m RG59 U/75 Ohm coax cable almost strained for not creating a second induction field

that would make a second ‘antenna’, I’m including a picture.
Preamp: SuperSID v2, received through a Student Grant from SARA – Society of Amateur Radio Astromers.
Soundcard: onboard ASUS M4A785-M from a 2006 Dell Inspiron 531 Desktop. Has a 192kHz/24bit maximum input/output.

Thanks in advance,

Best regards

Tulio Baars

From:Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of abrandi2000
Sent: domingo, 3 de março de 2013 08:32
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Noise question

Hello Tulio,

this drop is ok, when you use a soundcard that is only able to sample 48Khz and configured in SuperSID to 96Khz.
Bevor we can help you, we Need some Hardware Information.

Antenna:
preamp:
Soundcard:

Maybe a copy of your SuperSID config and what VLF Transmitter do you receive at your location??

regards,
Karl-Heinz
DARO
http://www.radio-astronomie.de

--- In Super_SID@yahoogroups.com, Tulio wrote:
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1021. Re: [Super_SID] Noise question

Yahoo group: Super_SID
Date: 2013-03-03 17:27:53 UTC
From: Steve Berl
Topic: 1016 Message: 1021

Tulip, as John says , your graphs look great now. One thing though. I believe the latitude and longitude you have in your .cfg file are not correct. Both appear to be positive numbers that probably place you in northern Scandinavia:-)

In southern Brazil, I believe both your latitude and longitude should be negative.

You can use google earth or google maps to find your lat and long. If you need help with that let me know.

Steve

On Sunday, March 3, 2013, John ONeal wrote:

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> look great to me. You have a nice diurnal hump during the daylite hours,
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> Later in the year I added a printer and of course it interfered, too. Had
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> Keep experimenting and paying attention to details and you'll soon be
> seeing optimal performance, I'm sure!!!!

>
> John
>
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> 'tuliobaars@...');>>
> *To:* Super_SID@yahoogroups.com <javascript:_e({}, 'cvml',
> 'Super_SID@yahoogroups.com');>
> *Sent:* Sunday, March 3, 2013 7:19 AM
> *Subject:* RE: [Super_SID] Re: Noise question [3 Attachments]
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> Antenna:
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>
>
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--
-steve

1022. Re: [Super_SID] Noise question

Yahoo group: Super_SID
Date: 2013-03-03 19:12:08 UTC
From: Steve Berl
Topic: 1016 Message: 1022

Tulio,

FYI, just did a search for Santa Catarina, Brazil on google maps and got
https://maps.google.com/maps?q=-26.667096,-49.372559&num=1&t=h&z=7

latitude = -26.667096
longitude = -49.372559

Not sure how close it is to your actual location, but is a good starting
point. If you want a more accurate location, go to the map and find your
actual location.

Also, your timezone information does not appear to be configured correctly.
I believe it should be

utc_offset = -3
time_zone = Brasilia Time (BRT)

Have fun,

-steve

PS. The value from your uploaded files says you are in Germany,
not Scandinavia as I said in my previous email.

https://maps.google.com/maps?q=51.7667,6.6167&hl=en&ll=52.402419,5.515137&spn=11.568999,22
.456055&sll=51.467697,8.481445&sspn=11.810846,22.456055&t=h&doflg=ptk&z=6

On Sun, Mar 3, 2013 at 9:27 AM, Steve Berl <steveberl@gmail.com> wrote:

> Tulip, as John says , your graphs look great now. One thing though. I
> believe the latitude and longitude you have in your .cfg file are not
> correct. Both appear to be positive numbers that probably place you in
> northern Scandinavia:-)
>
> In southern Brazil, I believe both your latitude and longitude should be
> negative.
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> You can use google earth or google maps to find your lat and long. If you
> need help with that let me know.
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> Steve
>
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>> to move it.
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>> Keep experimenting and paying attention to details and you'll soon be
>> seeing optimal performance, I'm sure!!!!
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>> John
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>> *From:* Tulio Baars <tuliobaars@...>
>> *To:* Super_SID@yahoogroups.com
>> *Sent:* Sunday, March 3, 2013 7:19 AM
>> *Subject:* RE: [Super_SID] Re: Noise question [3 Attachments]
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>> Tulio Baars
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>> *Sent:* domingo, 3 de março de 2013 08:32
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>>
>>
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>>
>
>
> --
> -steve
>

--
-steve

1023. RE: [Super_SID] Noise question

Yahoo group: Super_SID
Date: 2013-03-03 19:16:21 UTC
From: Tulio Baars
Topic: 1016 Message: 1023
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Steve and John,

My .cfg file looks correct (-27.2, -49.36, just checked on Google maps). Just by curiosity, Steve, what made you think they were positive? And I also think my time configuration is right. My monitor ID are 0430 and 0431 (haven□t tested 0430 yet, been running with 0431 all the time). I□m attaching the .cfg file, please take a look.

I hope I□m not abusing of your willing to help me, but the .cfg came here already filled in with 6 stations (NAA, NLK, NML, NPM, NWC, JJI). How can I find other stations that are near me? And which one should I prioritize for tuning my antenna for better reception? Or, better: do you think the □problem□ with my reception is due to the antenna?

John, you commented about the differences between the night and day over on the DARO chart. Sorry, but I□m unable to identify the differences, could you just explain it a bit more? Just remember I live at UTC-3 and the Sun rises at 6:13 (local time) and sets at 18:47 (local time). Also on that DARO chart, what are these very high power and short duration spikes are?

Back to my field strength chart, is it normal to have 110dB on ELF spectra? I□ve attached a field strength chart with red circles indicating annormal spikes.

Sorry if I□m being annoying with this amount of questions, guys. Is just the fact that I□m at the SAA and there are times where I don□t know if that signal anomaly is due to the magnetic differences here or a misconfiguration or misplacement of the antenna.

Thank you very much for the help!

Best regards,

Tulio Baars

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Steve Berl
Sent: domingo, 3 de março de 2013 14:28
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Noise question

Tulip, as John says , your graphs look great now. One thing though. I believe the latitude and longitude you have in your .cfg file are not correct. Both appear to be positive numbers that probably place you in northern Scandinavia:-)

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> Uruguay, in the south), in the very center of the SAA, South Atlantic
> magnetic Anomaly (a kind of failure on Earth's magnetic field that makes
it
> weaker in this region, causing the Van Allen Radiation Belt to drown in
the
> direction of the Earth and implying on several effects on
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> region is the main goal of my research).
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> I'll attach my graphs and a picture of my loop antenna. The antenna is
> octogonal and inspire on the Mike Tuggle's Loop Antenna, has a impedance
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> 11.8 Ohm and runs with a 65ft/20m RG59/75 Ohm coax cable.
>
> Thank you very much,
>
> Sorry if this is the wrong place for posting questions, but I'm a little
> concerned about the graphs. Sorry too for my bad english, if is there
> anything wrong in my email, feel free to correct me.
>

--
-steve

1024. Re: [Super_SID] Noise question [2 Attachments]

Yahoo group: Super_SID
Date: 2013-03-03 20:09:00 UTC
From: Steve Berl
Topic: 1016 Message: 1024

Tulio,

Somehow I got it in my head that your site_name was "DARO", and I was looking at the files uploaded from that site. So, just ignore what I sent earlier. Your config looks fine for your location.

You can find information about different VLF stations, where they are located, and what frequencies they transmit on at http://sidstation.loudet.org/stations-list-en.xhtml among other places.

The spectrum plot you attached looks pretty normal. The peaks might be real stations, or they can be local interference. I'd suggest setting up your config file to monitor the frequencies of the peaks (you can get them by clicking your mouse cursor on the peak in the spectrum view. The frequency appears in the right of the bottom status area of the window). If they show the normal day/night pattern, then they are likely real stations. If they come and go at odd times, then they might be local interference. If they do turn out to be local interference, you can try moving and rotating your antenna to try to minimize it. There's some info on identifying noise sources in the SuperSID documentation and web site you should look through.

Your pretty far from most of the transmitters. It will be interesting to see what you can receive there. Just eyeballing it on the map, it looks like NAU in Aguado, Puerto Rico @ 40.800 KHz might be the closest. Perhaps that is the big peak near 40KHz on your spectrum?

-steve

On Sun, Mar 3, 2013 at 11:16 AM, Tulio Baars <tuliobaars@...> wrote:

> **
>
> [Attachment(s) <#13d31b5711f73f44_TopText> from Tulio Baars included
> below]
>
> Hi Steve and John,****
>
> ** **
>
> My .cfg file looks correct (-27.2, -49.36, just checked on Google maps).
> Just by curiosity, Steve, what made you think they were positive? And I
> also think my time configuration is right. My monitor ID are 0430 and 0431
> (haven’t tested 0430 yet, been running with 0431 all the time). I’m
> attaching the .cfg file, please take a look.****
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> I hope I’m not abusing of your willing to help me, but the .cfg came here
> already filled in with 6 stations (NAA, NLK, NML, NPM, NWC, JJI). How can I
> find other stations that are near me? And which one should I prioritize for
> tuning my antenna for better reception? Or, better: do you think the
> ‘problem’ with my reception is due to the antenna?****
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> John, you commented about the differences between the night and day over
> on the DARO chart. Sorry, but I’m unable to identify the differences, could
> you just explain it a bit more? Just remember I live at UTC-3 and the Sun
> rises at 6:13 (local time) and sets at 18:47 (local time). Also on that
> DARO chart, what are these very high power and short duration spikes are?
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>
> ** **
>
> Back to my field strength chart, is it normal to have 110dB on ELF
> spectra? I’ve attached a field strength chart with red circles indicating
> annormal spikes.****
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> Sorry if I’m being annoying with this amount of questions, guys. Is just
> the fact that I’m at the SAA and there are times where I don’t know if that
> signal anomaly is due to the magnetic differences here or a
> misconfiguration or misplacement of the antenna.****
>
> ** **
>
> Thank you very much for the help!****
>
> ** **
>
> Best regards,****
>
> * *
>
> *Tulio Baars*
>
> ** **
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] *On
> Behalf Of *Steve Berl
> *Sent:* domingo, 3 de março de 2013 14:28
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Noise question****
>
> ** **
>

> ****
>
> Tulip, as John says , your graphs look great now. One thing though. I
> believe the latitude and longitude you have in your .cfg file are not
> correct. Both appear to be positive numbers that probably place you in
> northern Scandinavia:-)****
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> ** **
>
> In southern Brazil, I believe both your latitude and longitude should be
> negative. ****
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> ** **
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> You can use google earth or google maps to find your lat and long. If you
> need help with that let me know. ****
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> ****
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> Tulio, I just looked at your (DARO) charts for March 1st, 2013 and they
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> your received signals appear to be above that level.
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> I've learned that it's hard to get all the stations you monitor to have a
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> transmitter and your distance from the transmitters all effect your
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> may be interfering. When I originally setup my station I ran the coax out
> the hole in my wall where my radio antennas ran. First time I keyed up my
> Yaesu FT-101 Echo at 100 watts my charts spiked like crazy!!!!! I had to
> reroute the SID coax to the opposite side of the room.****

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> Later in the year I added a printer and of course it interfered, too. Had
> to move it. ****
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> ** **
>
> Keep experimenting and paying attention to details and you'll soon be
> seeing optimal performance, I'm sure!!!!****
>
> ** **
>
> John****
>
> ** **
> ----------
>
> *From:* Tulio Baars <tuliobaars@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Sunday, March 3, 2013 7:19 AM
> *Subject:* RE: [Super_SID] Re: Noise question [3 Attachments]****
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> ** **
>
> ****
>
> Hello,****
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> ****
>
> Thanks Mr. Steve and Mr. Karl. You’re right, I did set the SuperSID to
> 96kHz but Windows was configured to 48kHz. I did set up properly today 2:20
> UTC and have been running since. News graphs are attached. Is it normal to
> have such high power low frequency signal such as mine? There isn’t any
> significant power line around, the nearest low voltage pole (220v) is at
> least 100ft from the antenna (power lines operates here at 60Hz, could this
> noise be from a power line?).****
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> And as you asked, here are my specs:****
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> second ‘antenna’, I’m including a picture.****
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> *Preamp: * SuperSID v2, received through a Student Grant from SARA –

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> *Soundcard: *onboard ASUS M4A785-M from a 2006 Dell Inspiron 531 Desktop.
> Has a 192kHz/24bit maximum input/output. ****
>
> ****
>
> Thanks in advance,****
>
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>
> Best regards****
>
> ****
>
> Tulio Baars****
>
> ****
>
> *From:* Super_SID@yahoogroups.com
[mailto:Super_SID@yahoogroups.com<Super_SID@yahoogroups.com>]
> *On Behalf Of *abrandi2000
> *Sent:* domingo, 3 de março de 2013 08:32
> *To:* Super_SID@yahoogroups.com
> *Subject:* [Super_SID] Re: Noise question****
>
> ****
>
> ****
>
> Hello Tulio,
>
> this drop is ok, when you use a soundcard that is only able to sample
> 48Khz and configured in SuperSID to 96Khz.
> Bevor we can help you, we Need some Hardware Information.
>
> Antenna:
> preamp:
> Soundcard:
>
> Maybe a copy of your SuperSID config and what VLF Transmitter do you
> receive at your location??
>
> regards,
> Karl-Heinz
> DARO
> http://www.radio-astronomie.de
>
> --- In Super_SID@yahoogroups.com, Tulio wrote:
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> > Hello!
> >
> > My name is Tulio Baars and I'm a high school student in Brazil, a happy
> > owner and operator of a Radio Jove and a SuperSID monitor.
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> > I've recently finished the construction of my SuperSID Loop antenna and
> > have been running for two days. But comparing my graphs with the ones
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> > from TV sets, motors, lamps, energy lines, telephones and computers (at
> > least 40ft/12m away). I'm unable to detect the sunrise and sunset, and
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> > Uruguay, in the south), in the very center of the SAA, South Atlantic
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> > region is the main goal of my research).
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> > I'll attach my graphs and a picture of my loop antenna. The antenna is
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> > 11.8 Ohm and runs with a 65ft/20m RG59/75 Ohm coax cable.
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> > Thank you very much,
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> > Sorry if this is the wrong place for posting questions, but I'm a little
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>
> ** **
>
>
>
> --
> -steve****
>
> ****
>
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>

--
-steve

1025. Re: [Super_SID] Noise question [2 Attachments]

Yahoo group: Super_SID
Date: 2013-03-03 20:41:32 UTC
From: John ONeal
Topic: 1016 Message: 1025
Attachments: 1 described; binary payloads are missing from this source WARC

From: Tulio Baars <tuliobaars@gmail.com>
To: Super_SID@yahoogroups.com
Sent: Sunday, March 3, 2013 2:16 PM
Subject: RE: [Super_SID] Noise question [2 Attachments]

[Attachment(s) from Tulio Baars included below]
Hi Steve and John,

My .cfg file looks correct (-27.2, -49.36, just checked on Google maps). Just by curiosity, Steve, what made you think they were positive? And I also think my time configuration is right. My monitor ID are 0430 and 0431 (haven't tested 0430 yet, been running with 0431 all the time). I'm attaching the .cfg file, please take a look.

I hope I'm not abusing of your willing to help me, but the .cfg came here already filled in with 6 stations (NAA, NLK, NML, NPM, NWC, JJI). How can I find other stations that are near me? And which one should I prioritize for tuning my antenna for better reception? Or, better: do you think the 'problem' with my reception is due to the antenna?
What I did was hang up a world map. I stuck in a pin for my location. Then I stuck a pin in each transmitter station. I used the map to determine heading and distance to each station, then I looked up the power output of each.
For example, I could see that the station in Maine puts out 1000 watts and is only 200 miles from me. From this I could see that I could rotate my antenna to ANY position and still receive this station at full power. Likewise, the station in Washington state is over 1000 miles away and only runs 500 watts,, so I had to point my antenna towards it to optimize the signal.
Armed with this map I moved my antenna several degrees each day and recorded the signal strength from each of the 6 stations. After several months of doing this I had determined an optimal setting to give me maximum strengths from the majority of the transmitters.
You said you already checked your antenna and it was ok. Check out the jumper cable you got from Stanford with the unit. Mine was shorted......

John, you commented about the differences between the night and day over on the DARO chart. Sorry, but I'm unable to identify the differences, could you just explain it a bit more? Just remember I live at UTC-3 and the Sun rises at 6:13 (local time) and sets at 18:47 (local time). Also on that DARO chart, what are these very high power and short duration spikes are?
  I assume these are your charts. (attached) Look at the top one. During the night the spikes are all over the place and mean absolutely nothing. During the morning the chart starts out very low, rises as the sun approaches noon and drops back down as the sun sets. This slightly curved arc is commonly referred to as a diurnial hump. Your chart is a classic example of what a chart should look like. Also, notice the black and blue arrows. These represent sunrise/sunset times for your location and for the transmitting station.
Monitor Sunrise and Sunsets are shown by the blue Colored Arrows
Station Sunrise and Sunsets are shown by the black Colored Arrows

Back to my field strength chart, is it normal to have 110dB on ELF spectra? I've attached a field strength chart with red circles indicating annormal spikes.

Not all those spikes are abnormal. some are transmitters. All that stuff below 1000 is noise. Don't worry about it. Just try to get it as low as possible. Some of it is from your computer, monitor, sound card, lights in your room, etc. and you can't get rid of that stuff....lol

The big spike at 4000 is always there, too. don't know what it is. I monitored it for awhile and it shows no difference between night and day, so is obviously not solar related.
If you want to experiment like I did, find one of the spikes on your signal strength chart, record the frequency, give it a name, add it to your config file and monitor it for awhile. I it's a sid releated transmitter, you will see a chart that looks like the ones attached. If it's not, the chart will look really screwy......

Sorry if I'm being annoying with this amount of questions, guys. Is just the fact that I'm at the SAA and there are times where I don't know if that signal anomaly is due to the magnetic differences here or a misconfiguration or misplacement of the antenna.

No problem, guys answered my questions when I was starting out, so I'm returning the favor....

Thank you very much for the help!

Best regards,

Tulio Baars

From:Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Steve Berl
Sent: domingo, 3 de março de 2013 14:28
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Noise question

Tulip, as John says , your graphs look great now. One thing though. I believe the latitude and longitude you have in your .cfg file are not correct. Both appear to be positive numbers that probably place you in northern Scandinavia:-)

In southern Brazil, I believe both your latitude and longitude should be negative.

You can use google earth or google maps to find your lat and long. If you need help with that let me know.

Steve

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>John
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>To: Super_SID@yahoogroups.com
>Sent: Sunday, March 3, 2013 7:19 AM
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>Thanks in advance,
>
>Best regards

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>Tulio Baars
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>Subject: [Super_SID] Re: Noise question
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>Antenna:
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-steve

1026. Re: [Super_SID] Noise question [2 Attachments]

Yahoo group: Super_SID
Date: 2013-03-03 20:57:36 UTC
From: John ONeal
Topic: 1016 Message: 1026

Tulio, looks like I got it wrong? You're site id is not DARO?

John

From: Tulio Baars <tuliobaars@...>
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Sent: Sunday, March 3, 2013 2:16 PM
Subject: RE: [Super_SID] Noise question [2 Attachments]

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>http://www.radio-astronomie.de
>
>--- In Super_SID@yahoogroups.com, Tulio wrote:
>>
>> Hello!
>>
>> My name is Tulio Baars and I'm a high school student in Brazil, a happy

>> owner and operator of a Radio Jove and a SuperSID monitor.
>>
>> I've recently finished the construction of my SuperSID Loop antenna and
>> have been running for two days. But comparing my graphs with the ones from
>> the SID Manual, it seems very strange. The antenna is located outdoors away
>> from TV sets, motors, lamps, energy lines, telephones and computers (at
>> least 40ft/12m away). I'm unable to detect the sunrise and sunset, and
>> there's a weird increase in power as frequency decreases. Just to locate
>> you guys, I live in the countryside of Santa Catarina - Brasil (near
>> Uruguay, in the south), in the very center of the SAA, South Atlantic
>> magnetic Anomaly (a kind of failure on Earth's magnetic field that makes it
>> weaker in this region, causing the Van Allen Radiation Belt to drown in the
>> direction of the Earth and implying on several effects on
>> telecommunications and solar flare effects - actually, mapping and
>> understanding the effects and differences of solar bursts/flares on the SAA
>> region is the main goal of my research).
>>
>> I'll attach my graphs and a picture of my loop antenna. The antenna is
>> octogonal and inspire on the Mike Tuggle's Loop Antenna, has a impedance of
>> 11.8 Ohm and runs with a 65ft/20m RG59/75 Ohm coax cable.
>>
>> Thank you very much,
>>
>> Sorry if this is the wrong place for posting questions, but I'm a little
>> concerned about the graphs. Sorry too for my bad english, if is there
>> anything wrong in my email, feel free to correct me.
>>
>

--
-steve

1027. Re: [Super_SID] Noise question

Yahoo group: Super_SID
Date: 2013-03-03 21:09:25 UTC
From: John ONeal
Topic: 1016 Message: 1027

Alright, I think I've got it straight now, Tulio, sorry for the confusion. Your site id is Harvey1. I went to look at your graphs and couldn't find any. Please go to your config file, open it and on the automatic_upload line, change the no to yes, and save the file. Then your graphs will begin uploading to Stanford's site, where we can view them and see what's going on.

john

From: John ONeal <kohamher1@yahoo.com>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Sunday, March 3, 2013 3:57 PM
Subject: Re: [Super_SID] Noise question

Tulio, looks like I got it wrong? You're site id is not DARO?

John

From: Tulio Baars <tuliobaars@gmail.com>
To: Super_SID@yahoogroups.com
Sent: Sunday, March 3, 2013 2:16 PM
Subject: RE: [Super_SID] Noise question [2 Attachments]

Hi Steve and John,

My .cfg file looks correct (-27.2, -49.36, just checked on Google maps). Just by curiosity, Steve, what made you think they were positive? And I also think my time configuration is right. My monitor ID are 0430 and 0431 (haven’t tested 0430 yet, been running with 0431 all the time). I’m attaching the .cfg file, please take a look.

I hope I’m not abusing of your willing to help me, but the .cfg came here already filled in with 6 stations (NAA, NLK, NML, NPM, NWC, JJI). How can I find other stations that are near me? And which one should I prioritize for tuning my antenna for better reception? Or, better: do you think the ‘problem’ with my reception is due to the antenna?

John, you commented about the differences between the night and day over on the DARO chart. Sorry, but I’m unable to identify the differences, could you just explain it a bit more? Just remember I live at UTC-3 and the Sun rises at 6:13 (local time) and sets at 18:47 (local time). Also on that DARO chart, what are these very high power and short duration spikes are?

Back to my field strength chart, is it normal to have 110dB on ELF spectra? I’ve attached a field strength chart with red circles indicating annormal spikes.

Sorry if I’m being annoying with this amount of questions, guys. Is just the fact that I’m at the SAA and there are times where I don’t know if that signal anomaly is due to the magnetic differences here or a misconfiguration or misplacement of the antenna.

Thank you very much for the help!

Best regards,

Tulio Baars

From:Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Steve Berl
Sent: domingo, 3 de março de 2013 14:28
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Noise question

Tulip, as John says , your graphs look great now. One thing though. I believe the latitude and longitude you have in your .cfg file are not correct. Both appear to be positive numbers that probably place you in northern Scandinavia:-)

In southern Brazil, I believe both your latitude and longitude should be negative.

You can use google earth or google maps to find your lat and long. If you need help with that let me know.

Steve

On Sunday, March 3, 2013, John ONeal wrote:

>Tulio, I just looked at your (DARO) charts for March 1st, 2013 and they look great to me. You have a nice diurnal hump during the daylite hours, and the usual "all over the place" swings during the night. Your field strength attachment looks good, too. You have a nice low noise floor and your received signals appear to be above that level.
>
>I've learned that it's hard to get all the stations you monitor to have a standard daylite curve. If you optimize one station, another will suffer. I think that's just the nature of the beast. When I first setup my station, I spent a month going outside everyday and turning the antenna several degrees and comparing charts before finally settling on an optimal configuration. As you no doubt already know, the lay of the land around you, objects between you and the transmitters, power output of the transmitter and your distance from the transmitters all effect your readings.
>
>Your signal doesn't look too bad to me. The only thing I can say to improve your signal is to rotate your antenna to find your optimize signal. And try moving the coax and receiver around in your shack. Your computer may be interfering. When I originally setup my station I ran the coax out the hole in my wall where my radio antennas ran. First time I keyed up my Yaesu FT-101 Echo at 100 watts my charts spiked like crazy!!!!! I had to reroute the SID coax to the opposite side of the room.
>Later in the year I added a printer and of course it interfered, too. Had to move it.
>
>Keep experimenting and paying attention to details and you'll soon be seeing optimal performance, I'm sure!!!!
>
>John
>
>
>_____
>

>From:Tulio Baars <tuliobaars@...>
>To: Super_SID@yahoogroups.com
>Sent: Sunday, March 3, 2013 7:19 AM
>Subject: RE: [Super_SID] Re: Noise question [3 Attachments]
>
>
>Hello,
>
>Thanks Mr. Steve and Mr. Karl. You're right, I did set the SuperSID to 96kHz but Windows was configured to 48kHz. I did set up properly today 2:20 UTC and have been running since. News graphs are attached. Is it normal to have such high power low frequency signal such as mine? There isn't any significant power line around, the nearest low voltage pole (220v) is at least 100ft from the antenna (power lines operates here at 60Hz, could this noise be from a power line?).
>
>And as you asked, here are my specs:
>
>Antenna: Octogonal Loop Antenna with 1.6m radius, built from cinnamon wood and wired using the wire provided along the SuperSID kit (antenna impedance is about 11.8 Ohm), has a 65ft/20m RG59 U/75 Ohm coax cable almost strained for not creating a second induction field that would make a second 'antenna', I'm including a picture.
>Preamp: SuperSID v2, received through a Student Grant from SARA – Society of Amateur Radio Astromers.
>Soundcard: onboard ASUS M4A785-M from a 2006 Dell Inspiron 531 Desktop. Has a 192kHz/24bit maximum input/output.
>
>Thanks in advance,
>
>Best regards
>
>Tulio Baars
>
>From:Super_SID@yahoogroups.com[mailto:Super_SID@yahoogroups.com] On Behalf Of abrandi2000
>Sent: domingo, 3 de março de 2013 08:32
>To: Super_SID@yahoogroups.com
>Subject: [Super_SID] Re: Noise question
>
>
>Hello Tulio,
>
>this drop is ok, when you use a soundcard that is only able to sample 48Khz and configured in SuperSID to 96Khz.
>Bevor we can help you, we Need some Hardware Information.
>
>Antenna:
>preamp:
>Soundcard:
>
>Maybe a copy of your SuperSID config and what VLF Transmitter do you receive at your location??

>
>regards,
>Karl-Heinz
>DARO
>http://www.radio-astronomie.de
>
>--- In Super_SID@yahoogroups.com, Tulio wrote:
>>
>> Hello!
>>
>> My name is Tulio Baars and I'm a high school student in Brazil, a happy
>> owner and operator of a Radio Jove and a SuperSID monitor.
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>> I've recently finished the construction of my SuperSID Loop antenna and
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>> you guys, I live in the countryside of Santa Catarina - Brasil (near
>> Uruguay, in the south), in the very center of the SAA, South Atlantic
>> magnetic Anomaly (a kind of failure on Earth's magnetic field that makes it
>> weaker in this region, causing the Van Allen Radiation Belt to drown in the
>> direction of the Earth and implying on several effects on
>> telecommunications and solar flare effects - actually, mapping and
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>> region is the main goal of my research).
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>> I'll attach my graphs and a picture of my loop antenna. The antenna is
>> octogonal and inspire on the Mike Tuggle's Loop Antenna, has a impedance of
>> 11.8 Ohm and runs with a 65ft/20m RG59/75 Ohm coax cable.
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>> Thank you very much,
>>
>> Sorry if this is the wrong place for posting questions, but I'm a
little
>> concerned about the graphs. Sorry too for my bad english, if is there
>> anything wrong in my email, feel free to correct me.
>>
>

--
-steve

1028. Re: Site ID/Monitor ID

Yahoo group: Super_SID
Date: 2013-03-03 21:55:51 UTC
From: Stargazer
Topic: 999 Message: 1028

If you do a google search of OLG graz you are taken to
Oberlandesgericht Graz
Marburger Kai 49 8010 Graz Austria☐

Do you have an address near there you can reference?

John

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Hi Folks,
>
> Stanford is receiving data from:
>
> Site "RHT" MonitorID = SuperSID-001
> Site "OLGGraz" MonitorID = NONE
>
> We do not know who these belong to. Will you please contact us if you are using either of thse as your site/monitor ID.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>

1029. Re: [Super_SID] Re: Site ID/Monitor ID

Yahoo group: Super_SID
Date: 2013-03-03 22:17:55 UTC
From: WILLIAM & MELINDA LORD
Topic: 999 Message: 1029

The only unit we have sent to Austria is in Vienna.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Stargazer <kohamher1@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, March 3, 2013 3:55 PM
Subject: [Super_SID] Re: Site ID/Monitor ID

If you do a google search of OLG graz you are taken to
Oberlandesgericht Graz
Marburger Kai 49 8010 Graz Austria□

Do you have an address near there you can reference?

John

--- In Super_SID@yahoogroups.com, WILLIAM & MELINDA LORD wrote:
>
> Hi Folks,
>
> Stanford is receiving data from:
>
> Site "RHT" MonitorID = SuperSID-001
> Site "OLGGraz" MonitorID = NONE
>
> We do not know who these belong to. Will you please contact us if you are using either of thse as your site/monitor ID.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>

1030. Fwd: Problems with SID

Yahoo group: Super_SID
Date: 2013-03-03 23:06:46 UTC
From: Deborah Scherrer
Topic: 1030 Message: 1030

-------- Original Message --------
Subject: Problems with SID
Date: Sun, 3 Mar 2013 17:21:26 -0500
From: Steve Kristoff <skristof@...>
To: <sid@...>

I've been monitoring the SID Forum on Yahoo. Was going to post something
but can't figure out how to do that without a Yahoo address.
I've been having the same problem as the student from Brazil. My
supersid graph has high power plateau from 0 to about 24000 Hz, then a
big drop to very low power from there to 40000 Hz. I noticed that one
suggestion was to be sure that your sampling rate on the sound card was
set at 96000 Hz. Problem is that there doesn't seem to be anyway for me
to change the sampling rate for the sound on any of the three computers
I've tried.
I'm open for suggestions. I'm about ready to send the SID back.
Steve Kristoff
skristof@... <mailto:skristof@...>
?A few chords strummed on a ukulele, enough to please a few others
beside yourself, does more good in this world than the combined efforts
of all the financiers and politicians that ever lived.? ? Frank Littig,
Littig?s New Harmony Self Instructor Chords for Ukulele, Banjuke or Taro
Patch Fiddle, Chart Music Publishing House, Chicago, Illinois, 1924

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signature database 8072 (20130303) __________

The message was checked by ESET Smart Security.

http://www.eset.com

1031. Re: [Super_SID] Fwd: Problems with SID

Yahoo group: Super_SID
Date: 2013-03-03 23:40:48 UTC
From: John ONeal
Topic: 1030 Message: 1031

Hi, Steve, Have you tried going to Control Panel> Sound> Manage Audio Devices
Then Select your Device> Sound Card> Properties> Advanced and change 48000 to 96000 Hz.
Apply the settings, then, just to be sure, reboot and you should be ok. After restart,
follow the same steps to go back to your device and check that the change happened.
Then open your sid software and see if the noise floor has dropped down.

If the change takes place and the noise stays the same, then you have something else going on. Let me know if this works.

John

From: Deborah Scherrer <dscherrer@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Sunday, March 3, 2013 6:06 PM
Subject: [Super_SID] Fwd: Problems with SID

-------- Original Message --------
Subject: Problems with SID
Date: Sun, 3 Mar 2013 17:21:26 -0500
From: Steve Kristoff <skristof@...>
To: <sid@...>

I've been monitoring the SID Forum on Yahoo. Was going to post something but can't figure out how to do that without a Yahoo address.

I've been having the same problem as the student from Brazil. My supersid graph has high power plateau from 0 to about 24000 Hz, then a big drop to very low power from there to 40000 Hz. I noticed that one suggestion was to be sure that your sampling rate on the sound card was set at 96000 Hz. Problem is that there doesn't seem to be anyway for me to change the sampling rate for the sound on any of the three computers I've tried.
I'm open for suggestions. I'm about ready to send the SID back.

Steve Kristoff
skristof@etczone.com

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The message was checked by ESET Smart Security.

http://www.eset.com

1032. Re: [Super_SID] Fwd: Problems with SID

Yahoo group: Super_SID
Date: 2013-03-03 23:50:12 UTC
From: Steve Kristoff
Topic: 1030 Message: 1032

I can't seem to access the Properties on the Sound Card. I was trying to run the system on a Dell Latitude 810. It has a Sigmatel sound card. When I go into the Control Panel, I can get to the Sound/Recording, but the Properties button is disabled. I can change the recording level, but not the sampling rate.

Steve Kristoff
skristof@...

“A few chords strummed on a ukulele, enough to please a few others beside yourself, does more good in this world than the combined efforts of all the financiers and politicians that ever lived.” – Frank Littig, Littig’s New Harmony Self Instructor Chords for Ukulele, Banjuke or Taro Patch Fiddle, Chart Music Publishing House, Chicago, Illinois, 1924
----- Original Message -----
From: John ONeal
To: Super_SID@yahoogroups.com
Sent: Sunday, March 03, 2013 6:40 PM
Subject: Re: [Super_SID] Fwd: Problems with SID

Hi, Steve, Have you tried going to Control Panel> Sound> Manage Audio Devices
Then Select your Device> Sound Card> Properties> Advanced and change 48000 to 96000 Hz.
Apply the settings, then, just to be sure, reboot and you should be ok. After restart, follow the same steps to go back to your device and check that the change happened.
Then open your sid software and see if the noise floor has dropped down.

If the change takes place and the noise stays the same, then you have something else going on. Let me know if this works.

John

From: Deborah Scherrer <dscherrer@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Sunday, March 3, 2013 6:06 PM
Subject: [Super_SID] Fwd: Problems with SID

-------- Original Message -------- Subject: Problems with SID
Date: Sun, 3 Mar 2013 17:21:26 -0500
From: Steve Kristoff <skristof@...>
To: <sid@...>

I've been monitoring the SID Forum on Yahoo. Was going to post something but can't figure out how to do that without a Yahoo address.

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the sampling rate for the sound on any of the three computers I've tried.
I'm open for suggestions. I'm about ready to send the SID back.

Steve Kristoff
skristof@...

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http://www.eset.com

_____ Information from ESET Smart Security, version of virus signature database 8072 (20130303) _____

The message was checked by ESET Smart Security.

http://www.eset.com

1033. Re: [Super_SID] Fwd: Problems with SID

Yahoo group: Super_SID
Date: 2013-03-04 21:24:16 UTC
From: John ONeal
Topic: 1030 Message: 1033

Sorry, Steve, every computer is a little different and I'm afraid I don't knoe what to tell you to do, except maybe ask a computer savvy friend to take a look....

John

From: Steve Kristoff <skristof@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, March 3, 2013 6:50 PM
Subject: Re: [Super_SID] Fwd: Problems with SID

☐
I can't seem to access the Properties on the Sound
Card. I was trying to run the system on a Dell Latitude 810. It has a Sigmatel
sound card. When I go into the Control Panel, I can get to the Sound/Recording,
but the Properties button is disabled. I can change the recording level, but not
the sampling rate.

Steve Kristoff
skristof@...

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Patch Fiddle, Chart Music Publishing House, Chicago, Illinois, 1924
----- Original Message -----
>From: John ONeal
>To: Super_SID@yahoogroups.com
>Sent: Sunday, March 03, 2013 6:40
PM
>Subject: Re: [Super_SID] Fwd: Problems with SID
>
>
>Hi, Steve, Have you tried going to Control Panel> Sound> Manage Audio Devices
>Then Select your Device> Sound Card> Properties> Advanced
and change 48000 to 96000 Hz.
>Apply the settings, then, just to be sure,
reboot and you should be ok. After restart, follow the same steps to go back
to your device and check that the change happened.
>Then open your sid
software and see if the noise floor has dropped down.
>
>If the change
takes place and the noise stays the same, then you have something else going
on. Let me know if this works.

>
>John
>
>
>
>
>
>
>_________________________________
> From: Deborah Scherrer <dscherrer@...>
>To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
>Sent: Sunday, March 3, 2013 6:06 PM
>Subject: [Super_SID] Fwd: Problems with SID
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>
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>
>
>--------- Original
Message --------
>Subject: Problems with SID
>Date: Sun, 3 Mar 2013 17:21:26 -0500
>From: Steve Kristoff <skristof@...>
>To: <sid@...>
>
>
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>
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>Steve Kristoff
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>http://www.eset.com
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>

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(20130303) _____

The message was checked by ESET Smart Security.

http://www.eset.com

1034. Re: [Super_SID] Fwd: Problems with SID

Yahoo group: Super_SID
Date: 2013-03-05 02:05:02 UTC
From: WILLIAM & MELINDA LORD
Topic: 1030 Message: 1034

Steve,

You can not change the sampling rate because the Sigmatel is an 48 kHz sound card.

You can get an Creative Sound Blaster Audigy SE sound card and install on your Dell desktop. This card will let you sample at 96 kHz.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Steve Kristoff <skristof@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, March 3, 2013 5:50 PM
Subject: Re: [Super_SID] Fwd: Problems with SID

☐
I can't seem to access the Properties on the Sound
Card. I was trying to run the system on a Dell Latitude 810. It has a Sigmatel
sound card. When I go into the Control Panel, I can get to the Sound/Recording,
but the Properties button is disabled. I can change the recording level, but not
the sampling rate.

Steve Kristoff
skristof@etczone.com

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----- Original Message -----
>From: John ONeal
>To: Super_SID@yahoogroups.com
>Sent: Sunday, March 03, 2013 6:40
PM
>Subject: Re: [Super_SID] Fwd: Problems with SID
>
>
>Hi, Steve, Have you tried going to Control Panel> Sound> Manage Audio Devices
>Then Select your Device> Sound Card> Properties> Advanced
and change 48000 to 96000 Hz.
>Apply the settings, then, just to be sure,

reboot and you should be ok. After restart, follow the same steps to go back
to your device and check that the change happened.
>Then open your sid
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>John
>
>
>
>
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>
>_________________________________
> From: Deborah Scherrer <dscherrer@...>
>To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
>Sent: Sunday, March 3, 2013 6:06 PM
>Subject: [Super_SID] Fwd: Problems with SID
>
>
>
>
>
>
>
>
>-------- Original
Message --------
>Subject: Problems with SID
>Date: Sun, 3 Mar 2013 17:21:26 -0500
>From: Steve Kristoff <skristof@...>
>To: <sid@...>
>
>
>I've been monitoring the SID Forum on Yahoo. Was going to post something but can't figure
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power plateau from 0 to about 24000 Hz, then a big drop to very low power from there to
40000 Hz. I noticed that one suggestion was to be sure that your sampling rate on the sound
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>Steve Kristoff
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>“A few chords strummed on a ukulele, enough to please a few others beside yourself, does

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>_____
Information from ESET Smart Security, version of virus signature database 8072
(20130303) _____
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Security.
>
>http://www.eset.com
>

_____ Information from ESET Smart Security, version of virus signature database 8072 (20130303) _____

The message was checked by ESET Smart Security.

http://www.eset.com

1035. Re: [Super_SID] Fwd: Problems with SID

Yahoo group: Super_SID
Date: 2013-03-05 02:41:38 UTC
From: Steve Berl
Topic: 1030 Message: 1035

You can use your current sound card to listen to stations below 24kHz. Be sure to set the sample rate in the config file to 48000

-steve

On Mon, Mar 4, 2013 at 6:05 PM, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

> **
>
>
> Steve,
>
> You can not change the sampling rate because the Sigmatel is an 48 kHz
> sound card.
>
> You can get an Creative Sound Blaster Audigy SE sound card and install on
> your Dell desktop. This card will let you sample at 96 kHz.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* Steve Kristoff <skristof@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Sunday, March 3, 2013 5:50 PM
>
> *Subject:* Re: [Super_SID] Fwd: Problems with SID
>
>
>
> I can't seem to access the Properties on the Sound Card. I was trying to
> run the system on a Dell Latitude 810. It has a Sigmatel sound card. When I
> go into the Control Panel, I can get to the Sound/Recording, but the
> Properties button is disabled. I can change the recording level, but not
> the sampling rate.
>
> Steve Kristoff
> skristof@...
>
> “A few chords strummed on a ukulele, enough to please a few others beside
> yourself, does more good in this world than the combined efforts of all the

> financiers and politicians that ever lived.” – Frank Littig, Littig’s New
> Harmony Self Instructor Chords for Ukulele, Banjuke or Taro Patch Fiddle,
> Chart Music Publishing House, Chicago, Illinois, 1924
>
> ----- Original Message -----
> *From:* John ONeal <kohamher1@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Sunday, March 03, 2013 6:40 PM
> *Subject:* Re: [Super_SID] Fwd: Problems with SID
>
>
> Hi, Steve, Have you tried going to Control Panel> Sound> Manage Audio
> Devices
> Then Select your Device> Sound Card> Properties> Advanced and change 48000
> to 96000 Hz.
> Apply the settings, then, just to be sure, reboot and you should be ok.
> After restart, follow the same steps to go back to your device and check
> that the change happened.
> Then open your sid software and see if the noise floor has dropped down.
>
> If the change takes place and the noise stays the same, then you have
> something else going on. Let me know if this works.
>
> John
>
>
> ------------------------------
> *From:* Deborah Scherrer <dscherrer@...>
> *To:* "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
> *Sent:* Sunday, March 3, 2013 6:06 PM
> *Subject:* [Super_SID] Fwd: Problems with SID
>
>
>
>
>
>
> -------- Original Message -------- Subject: Problems with SID Date: Sun,
> 3 Mar 2013 17:21:26 -0500 From: Steve Kristoff <skristof@etczone.com><skristof@...> To:
> <sid@...> <sid@...rd.edu>
>
> I've been monitoring the SID Forum on Yahoo. Was going to post something
> but can't figure out how to do that without a Yahoo address.
>
> I've been having the same problem as the student from Brazil. My supersid
> graph has high power plateau from 0 to about 24000 Hz, then a big drop to
> very low power from there to 40000 Hz. I noticed that one suggestion was to
> be sure that your sampling rate on the sound card was set at 96000 Hz.
> Problem is that there doesn't seem to be anyway for me to change the
> sampling rate for the sound on any of the three computers I've tried.
> I'm open for suggestions. I'm about ready to send the SID back.

>
> Steve Kristoff
> skristof@...
>
> “A few chords strummed on a ukulele, enough to please a few others beside
> yourself, does more good in this world than the combined efforts of all the
> financiers and politicians that ever lived.” – Frank Littig, Littig’s New
> Harmony Self Instructor Chords for Ukulele, Banjuke or Taro Patch Fiddle,
> Chart Music Publishing House, Chicago, Illinois, 1924
>
>
> __________ Information from ESET Smart Security, version of virus
> signature database 8072 (20130303) __________
>
> The message was checked by ESET Smart Security.
>
> http://www.eset.com
>
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>
> __________ Information from ESET Smart Security, version of virus
> signature database 8072 (20130303) __________
>
> The message was checked by ESET Smart Security.
>
> http://www.eset.com
>
>
>
> __________ Information from ESET Smart Security, version of virus
> signature database 8072 (20130303) __________
>
> The message was checked by ESET Smart Security.
>
> http://www.eset.com
>
>
>
>

--
-steve

1036. Re: [Super_SID] Fwd: Problems with SID

Yahoo group: Super_SID
Date: 2013-03-05 02:50:10 UTC
From: Steve Kristoff
Topic: 1030 Message: 1036

It's a Dell laptop. I don't think I can change the sound card in a laptop.
If I can, please let me know!

Steve Kristoff
skristof@...

----- Original Message -----
From: WILLIAM & MELINDA LORD
To: Super_SID@yahoogroups.com
Sent: Monday, March 04, 2013 9:05 PM
Subject: Re: [Super_SID] Fwd: Problems with SID

Steve,

You can not change the sampling rate because the Sigmatel is an 48 kHz sound card.

You can get an Creative Sound Blaster Audigy SE sound card and install on your Dell desktop. This card will let you sample at 96 kHz.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Steve Kristoff <skristof@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, March 3, 2013 5:50 PM
Subject: Re: [Super_SID] Fwd: Problems with SID

☐
I can't seem to access the Properties on the Sound Card. I was trying to run the system on a Dell Latitude 810. It has a Sigmatel sound card. When I go into the Control Panel, I can get to the Sound/Recording, but the Properties button is disabled. I can change the recording level, but not the sampling rate.

Steve Kristoff
skristof@...

“A few chords strummed on a ukulele, enough to please a few others beside yourself, does more good in this world than the combined efforts of all the financiers and politicians that ever lived.” – Frank Littig, Littig’s New Harmony Self Instructor Chords for Ukulele, Banjuke or Taro Patch Fiddle, Chart Music Publishing House, Chicago, Illinois, 1924
----- Original Message -----
From: John ONeal
To: Super_SID@yahoogroups.com

Sent: Sunday, March 03, 2013 6:40 PM
Subject: Re: [Super_SID] Fwd: Problems with SID

Hi, Steve, Have you tried going to Control Panel> Sound> Manage Audio Devices
Then Select your Device> Sound Card> Properties> Advanced and change 48000 to 96000 Hz.
Apply the settings, then, just to be sure, reboot and you should be ok. After restart,
follow the same steps to go back to your device and check that the change happened.
Then open your sid software and see if the noise floor has dropped down.

If the change takes place and the noise stays the same, then you have something else going on. Let me know if this works.

John

From: Deborah Scherrer <dscherrer@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Sunday, March 3, 2013 6:06 PM
Subject: [Super_SID] Fwd: Problems with SID

-------- Original Message -------- Subject: Problems with SID
Date: Sun, 3 Mar 2013 17:21:26 -0500
From: Steve Kristoff <skristof@...>
To: <sid@...>

I've been monitoring the SID Forum on Yahoo. Was going to post something but can't figure out how to do that without a Yahoo address.

I've been having the same problem as the student from Brazil. My supersid graph has high power plateau from 0 to about 24000 Hz, then a big drop to very low power from there to 40000 Hz. I noticed that one suggestion was to be sure that your sampling rate on the sound card was set at 96000 Hz. Problem is that there doesn't seem to be anyway for me to change the sampling rate for the sound on any of the three computers I've tried.
I'm open for suggestions. I'm about ready to send the SID back.

Steve Kristoff
skristof@...

“A few chords strummed on a ukulele, enough to please a few others beside yourself, does more good in this world than the combined efforts of all the financiers and politicians that ever lived.” – Frank Littig, Littig’s New Harmony Self Instructor Chords for Ukulele, Banjuke or Taro Patch Fiddle, Chart Music Publishing House, Chicago, Illinois, 1924

_____ Information from ESET Smart Security, version of virus signature database 8072 (20130303) _____

The message was checked by ESET Smart Security.

http://www.eset.com

_____ Information from ESET Smart Security, version of virus signature database 8072 (20130303) _____

The message was checked by ESET Smart Security.

http://www.eset.com

_____ Information from ESET Smart Security, version of virus signature database 8072 (20130303) _____

The message was checked by ESET Smart Security.

http://www.eset.com

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The message was checked by ESET Smart Security.

http://www.eset.com

_____ Information from ESET Smart Security, version of virus signature database 8072 (20130303) _____

The message was checked by ESET Smart Security.

http://www.eset.com

1037. Re: [Super_SID] Fwd: Problems with SID

Yahoo group: Super_SID
Date: 2013-03-05 15:53:58 UTC
From: WILLIAM & MELINDA LORD
Topic: 1030 Message: 1037

Hi Steve,

You can get external USB sound cards, they are more expensive than the desktop units.

Here is one http://www.newegg.com/Product/Product.aspx?Item=N82E16829102032. If you get one, be sure it records at 96 kHz NOT in stereo. The SuperSID records in mono.

We really do not recommend using a laptop because of the interference from the power supply. No laptop can run 24/7 for SID monitoring without needing to be plugged in.

You can run the SuperSID on an old machine (Windows 2000 and up) and get a cheap HD sound card and probably be ahead of the game.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Steve Kristoff <skristof@...>
To: Super_SID@yahoogroups.com
Sent: Monday, March 4, 2013 8:50 PM
Subject: Re: [Super_SID] Fwd: Problems with SID

☐
It's a Dell laptop. I don't think I can change the
sound card in a laptop.
If I can, please let me know!

Steve Kristoff
skristof@etczone.com

----- Original Message -----
>From: WILLIAM & MELINDA LORD
>To: Super_SID@yahoogroups.com
>Sent: Monday, March 04, 2013 9:05
PM
>Subject: Re: [Super_SID] Fwd: Problems with SID
>
>
>Steve,
>
>
>You can not change the sampling rate because the Sigmatel is an 48 kHz sound card.
>

>
>You can get an Creative Sound Blaster Audigy SE sound card and install on your Dell desktop. This card will let you sample at 96 kHz.
>
>Bill & Melinda Lord
>www.tnSkyNet.com
>www.radio-astronomy.org
>
>Light travels faster than sound. This is why some people appear bright
until you hear them speak. :-)
>
>
>
>_____
> From: Steve Kristoff <skristof@...>
>To: Super_SID@yahoogroups.com
>Sent: Sunday, March 3, 2013 5:50 PM
>Subject: Re: [Super_SID] Fwd: Problems with SID
>
>
>
>□
>I can't seem to access the Properties on the Sound Card. I was trying to run the system on a Dell Latitude 810. It has a Sigmatel sound card. When I go into the Control Panel, I can get to the Sound/Recording, but the Properties button is disabled. I can change the recording level, but not the sampling rate.
>
>Steve Kristoff
>skristof@...
>
>“A few chords strummed on a ukulele, enough to please a few others beside yourself, does more good in this world than the combined efforts of all the financiers and politicians that ever lived.” – Frank Littig, Littig’s New Harmony Self Instructor Chords for Ukulele, Banjuke or Taro Patch Fiddle, Chart Music Publishing House, Chicago, Illinois, 1924
>----- Original Message -----
>>From: John ONeal
>>To: Super_SID@yahoogroups.com
>>Sent: Sunday, March 03, 2013 6:40 PM
>>Subject: Re: [Super_SID] Fwd: Problems with SID
>>
>>
>>Hi, Steve, Have you tried going to Control Panel> Sound> Manage Audio Devices
>>Then Select your Device> Sound Card> Properties>
Advanced and change 48000 to 96000 Hz.
>>Apply the settings, then, just to
be sure, reboot and you should be ok. After restart, follow the same steps
to go back to your device and check that the change happened.
>>Then open
your sid software and see if the noise floor has dropped down.
>>
>>If the

change takes place and the noise stays the same, then you have something
else going on. Let me know if this works.
>>
>>John
>>
>>
>>
>>
>>
>>
>>_____
>> From: Deborah Scherrer <dscherrer@...>
>>To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
>>Sent: Sunday, March 3, 2013 6:06 PM
>>Subject: [Super_SID] Fwd: Problems with SID
>>
>>
>>
>>
>>
>>
>>
>>
>>--------- Original
Message --------
>>Subject: Problems with SID
>>Date: Sun, 3 Mar 2013 17:21:26 -0500
>>From: Steve Kristoff <skristof@etczone.com>
>>To: <sid@...>
>>
>>
>>I've been monitoring the SID Forum on Yahoo. Was going to post something but can't figure out how to do that without a Yahoo address.
>>
>>I've been having the same problem as the student from Brazil. My supersid graph has high power plateau from 0 to about 24000 Hz, then a big drop to very low power from there to 40000 Hz. I noticed that one suggestion was to be sure that your sampling rate on the sound card was set at 96000 Hz. Problem is that there doesn't seem to be anyway for me to change the sampling rate for the sound on any of the three computers I've tried.
>>I'm open for suggestions. I'm about ready to send the SID back.
>>
>>Steve Kristoff
>>skristof@etczone.com
>>
>>“A few chords strummed on a ukulele, enough to please a few others beside yourself, does more good in this world than the combined efforts of all the financiers and politicians that ever lived.” – Frank Littig, Littig’s New Harmony Self Instructor Chords for Ukulele, Banjuke or Taro Patch Fiddle, Chart Music Publishing House, Chicago, Illinois, 1924
>>
>>_____ Information from ESET Smart
Security, version of virus signature database 8072 (20130303)
_____

>>
>>The message was checked by ESET Smart
Security.
>>
>>http://www.eset.com
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>>
>>_____
Information from ESET Smart Security, version of virus signature database
8072 (20130303) _____
>>
>>The message was checked by ESET Smart
Security.
>>
>>http://www.eset.com
>>
>
>_____
Information from ESET Smart Security, version of virus signature database 8072
(20130303) _____
>
>The message was checked by ESET Smart
Security.
>
>http://www.eset.com
>
>
>
>
>_____
Information from ESET Smart Security, version of virus signature database 8072
(20130303) _____
>
>The message was checked by ESET Smart
Security.
>
>http://www.eset.com
>

_____ Information from ESET Smart Security, version of virus signature database 8072
(20130303) _____

The message was checked by ESET Smart Security.

http://www.eset.com

1038. I see at SID on March 3rd!

Yahoo group: Super_SID
Date: 2013-03-06 16:50:29 UTC
From: Steve Berl
Topic: 1038 Message: 1038

http://sid.stanford.edu/database-browser/browse.jsp?date=2013-03-01T00.00.00&display=vertical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM

The bump on 2013-03-02 at about 18:00 matches up nicely with the C1.6 flare.
Notice that these is no such bump on the day before or the day after in my plot.

Did anyone else see it?

--
-steve

1039. Re: I see at SID on March 2rd!

Yahoo group: Super_SID
Date: 2013-03-06 16:54:16 UTC
From: Steve Berl
Topic: 1039 Message: 1039

Oops. Fixed the subject. The bump/flare was on March 2.

-steve

On Wed, Mar 6, 2013 at 8:50 AM, Steve Berl <steveberl@...> wrote:

>
> http://sid.stanford.edu/database-browser/browse.jsp?date=2013-03-01T00.00.00&display=vertical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM
>
> The bump on 2013-03-02 at about 18:00 matches up nicely with the C1.6
> flare.
> Notice that these is no such bump on the day before or the day after in my
> plot.
>
> Did anyone else see it?
>
> --
> -steve
>

--
-steve

1040. Re: [Super_SID] I see at SID on March 3rd!

Yahoo group: Super_SID
Date: 2013-03-06 17:02:53 UTC
From: Deborah Scherrer
Topic: 1038 Message: 1040

Wow -- SIDs don't usually pick up the small flares. Nice job!

Debbie

On 3/6/13 8:50 AM, Steve Berl wrote:
>
> http://sid.stanford.edu/database-browser/browse.jsp?date=2013-03-01T00.00.00&display=vertical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM
>
>
> The bump on 2013-03-02 at about 18:00 matches up nicely with the C1.6
> flare.
> Notice that these is no such bump on the day before or the day after
> in my plot.
>
> Did anyone else see it?
>
> --
> -steve
>

1041. Python issue after adding stations

Yahoo group: Super_SID
Date: 2013-03-06 19:11:10 UTC
From: Tulio
Topic: 1041 Message: 1041
Attachments: 1 described; binary payloads are missing from this source WARC

Hello dear fellows,

Today I added two more stations in my SuperSID Config file, they seem to be pretty strong over here. I saved the file, closed the SuperSID software and opened it again. The software runs correclty, but a Python error window keep displaying this message:

"Traceback (most recent call last):
File "supersid.py", line 444, in on_timer
File "supersid.py", line 937, in on_timer
File "supersid.py", line 150, in update
IndexError: index out of bounds"

Do you know what may be causing this? Does the SuperSID software have difficulties to handle 8 stations?

I'm attaching the .cfg file, maybe I screwed something up when setting up the stations.

Thank you very much

1042. Re: [Super_SID] I see at SID on March 3rd!

Yahoo group: Super_SID
Date: 2013-03-06 20:02:48 UTC
From: danny garvin
Topic: 1038 Message: 1042

My NML & NLK graphs also show the small bump
Danny
WB9RIM

From: Steve Berl <steveberl@...>
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 6, 2013 10:50 AM
Subject: [Super_SID] I see at SID on March 3rd!

http://sid.stanford.edu/database-browser/browse.jsp?date=2013-03-01T00.00.00&display=vertical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM

The bump on 2013-03-02 at about 18:00 matches up nicely with the C1.6 flare.
Notice that these is no such bump on the day before or the day after in my plot.

Did anyone else see it?

--
-steve

1043. Re: I see at SID on March 3rd!

Yahoo group: Super_SID
Date: 2013-03-06 20:51:53 UTC
From: Steve Berl
Topic: 1038 Message: 1043

What part of the world are you located?

Steve @ Chabot Space & Science Center, Oakland, CA

On Wednesday, March 6, 2013, danny garvin wrote:

> **
>
>
> My NML & NLK graphs also show the small bump
> Danny
> WB9RIM
>
> ------------------------------
> *From:* Steve Berl <steveberl@... <javascript:_e({}, 'cvml',
> 'steveberl@...');>>
> *To:* Super_SID@yahoogroups.com <javascript:_e({}, 'cvml',
> 'Super_SID@yahoogroups.com');>
> *Sent:* Wednesday, March 6, 2013 10:50 AM
> *Subject:* [Super_SID] I see at SID on March 3rd!
>
>
>
> http://sid.stanford.edu/database-browser/browse.jsp?date=2013-03-01T00.00.00&display=ver
tical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM
>
> The bump on 2013-03-02 at about 18:00 matches up nicely with the C1.6
> flare.
> Notice that these is no such bump on the day before or the day after in my
> plot.
>
> Did anyone else see it?
>
> --
> -steve
>
>
>
>

--
-steve

1044. Re: [Super_SID] Python issue after adding stations [1 Attachment]

Yahoo group: Super_SID
Date: 2013-03-07 01:47:52 UTC
From: WILLIAM & MELINDA LORD
Topic: 1041 Message: 1044

Super SID can handle 8 or more stations.

Check your sound card settings to see that it is still set to sample at 96 kHz.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Tulio <tuliobaars@...>
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 6, 2013 1:11 PM
Subject: [Super_SID] Python issue after adding stations [1 Attachment]

[Attachment(s) from Tulio included below]
Hello dear fellows,

Today I added two more stations in my SuperSID Config file, they seem to be pretty strong over here. I saved the file, closed the SuperSID software and opened it again. The software runs correclty, but a Python error window keep displaying this message:

"Traceback (most recent call last):
  File "supersid.py", line 444, in on_timer
  File "supersid.py", line 937, in on_timer
  File "supersid.py", line 150, in update
IndexError: index out of bounds"

Do you know what may be causing this? Does the SuperSID software have difficulties to handle 8 stations?

I'm attaching the .cfg file, maybe I screwed something up when setting up the stations.

Thank you very much

1045. Re: [Super_SID] Python issue after adding stations

Yahoo group: Super_SID
Date: 2013-03-07 01:55:12 UTC
From: Tulio
Topic: 1041 Message: 1045

Hi Bill. Yep, it is running at 96kHz.

The SuperSID software keeps running as usual, with expected charts. Only this Python window keep apearing over and over again, really annoying.

Thanks

2013/3/6 WILLIAM & MELINDA LORD <ap_guardian@...>

> **
>
>
> Super SID can handle 8 or more stations.
>
> Check your sound card settings to see that it is still set to sample at 96
> kHz.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* Tulio <tuliobaars@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Wednesday, March 6, 2013 1:11 PM
> *Subject:* [Super_SID] Python issue after adding stations [1 Attachment]
>
>
> Hello dear fellows,
>
> Today I added two more stations in my SuperSID Config file, they seem to
> be pretty strong over here. I saved the file, closed the SuperSID software
> and opened it again. The software runs correclty, but a Python error window
> keep displaying this message:
>
> "Traceback (most recent call last):
> File "supersid.py", line 444, in on_timer
> File "supersid.py", line 937, in on_timer
> File "supersid.py", line 150, in update
> IndexError: index out of bounds"
>
> Do you know what may be causing this? Does the SuperSID software have
> difficulties to handle 8 stations?

>
> I'm attaching the .cfg file, maybe I screwed something up when setting up
> the stations.
>
> Thank you very much
>
>
>
>

1046. Re: [Super_SID] Python issue after adding stations

Yahoo group: Super_SID
Date: 2013-03-07 02:01:11 UTC
From: Frank
Topic: 1041 Message: 1046

Wow, I tried to do something in the config file as well and it came up with the same thing as below, thought it was just me not setting something right. I had made a copy of the original one just in case I messed it up and I could restore it back to normal which runs fine again with the thing below popping up... is it just the sound card setting that causes this? and/or anything else in the file can as well?
Will it produce the same problem if there is a frequency in teh list that is out of the range of the sound card setting too?

Frank

----- Original Message -----
From: WILLIAM & MELINDA LORD
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 06, 2013 8:47 PM
Subject: Re: [Super_SID] Python issue after adding stations

Super SID can handle 8 or more stations.

Check your sound card settings to see that it is still set to sample at 96 kHz.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Tulio <tuliobaars@...>
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 6, 2013 1:11 PM
Subject: [Super_SID] Python issue after adding stations [1 Attachment]

Hello dear fellows,

Today I added two more stations in my SuperSID Config file, they seem to be pretty strong over here. I saved the file, closed the SuperSID software and opened it again. The software runs correclty, but a Python error window keep displaying this message:

"Traceback (most recent call last):
File "supersid.py", line 444, in on_timer
File "supersid.py", line 937, in on_timer
File "supersid.py", line 150, in update
IndexError: index out of bounds"

Do you know what may be causing this? Does the SuperSID software have difficulties to handle 8 stations?

I'm attaching the .cfg file, maybe I screwed something up when setting up the stations.

Thank you very much

1047. Re: [Super_SID] Python issue after adding stations

Yahoo group: Super_SID
Date: 2013-03-07 02:05:06 UTC
From: Steve Berl
Topic: 1041 Message: 1047

Does the problem window go away if you change to only having 6 or fewer stations?

-steve

On Wed, Mar 6, 2013 at 5:55 PM, Tulio <tuliobaars@...> wrote:

> **
>
>
> Hi Bill. Yep, it is running at 96kHz.
>
> The SuperSID software keeps running as usual, with expected charts. Only
> this Python window keep apearing over and over again, really annoying.
>
> Thanks
>
>
> 2013/3/6 WILLIAM & MELINDA LORD <ap_guardian@...>
>
>> **
>>
>>
>> Super SID can handle 8 or more stations.
>>
>> Check your sound card settings to see that it is still set to sample at
>> 96 kHz.
>>
>> Bill & Melinda Lord
>> www.tnSkyNet.com
>> www.radio-astronomy.org
>>
>> Light travels faster than sound. This is why some people appear bright
>> until you hear them speak. :-)
>>
>> ------------------------------
>> *From:* Tulio <tuliobaars@...>
>> *To:* Super_SID@yahoogroups.com
>> *Sent:* Wednesday, March 6, 2013 1:11 PM
>> *Subject:* [Super_SID] Python issue after adding stations [1 Attachment]
>>
>>
>> Hello dear fellows,
>>
>> Today I added two more stations in my SuperSID Config file, they seem to
>> be pretty strong over here. I saved the file, closed the SuperSID software

>> and opened it again. The software runs correclty, but a Python error window
>> keep displaying this message:
>>
>> "Traceback (most recent call last):
>> File "supersid.py", line 444, in on_timer
>> File "supersid.py", line 937, in on_timer
>> File "supersid.py", line 150, in update
>> IndexError: index out of bounds"
>>
>> Do you know what may be causing this? Does the SuperSID software have
>> difficulties to handle 8 stations?
>>
>> I'm attaching the .cfg file, maybe I screwed something up when setting up
>> the stations.
>>
>> Thank you very much
>>
>>
>>
>
>

--
-steve

1048. Re: I see at SID on March 2rd!

Yahoo group: Super_SID
Date: 2013-03-07 03:25:49 UTC
From: Steve Berl
Topic: 1039 Message: 1048

Is it possible to grab specific time periods from the SDO feed and save
them, or link to them for later replay?

Perhaps that could be combined with the stripcharts from SuperSID on a web
page to show how things go together?

-steve

On Wed, Mar 6, 2013 at 7:01 PM, Terry Galloway <terryg2@...>wrote:

> Yes we saw it on the SDO screen on Sunday recording.
>
> ---Terry
>
>
>
> On Mar 6, 2013, at 8:54 AM, Steve Berl wrote:
>
> Oops. Fixed the subject. The bump/flare was on March 2.
>
> -steve
>
> On Wed, Mar 6, 2013 at 8:50 AM, Steve Berl <steveberl@...> wrote:
>
>>
>> http://sid.stanford.edu/database-browser/browse.jsp?date=2013-03-01T00.00.00&display=ve
rtical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM
>>
>> The bump on 2013-03-02 at about 18:00 matches up nicely with the C1.6
>> flare.
>> Notice that these is no such bump on the day before or the day after in
>> my plot.
>>
>> Did anyone else see it?
>>
>> --
>> -steve
>>
>
>
>
> --
> -steve
>
>
>

--
-steve

1049. Re: I see at SID on March 2rd!

Yahoo group: Super_SID
Date: 2013-03-07 03:32:10 UTC
From: Terry Galloway
Topic: 1039 Message: 1049

Does Ben know how we can capture and store an event with SDO in Rachel? We sure had some very big ones on Sunday and our visitors loved them. We can do stop action and step through in slow motion. This feature is fantastic.

---Terry

On Mar 6, 2013, at 7:25 PM, Steve Berl wrote:

> Is it possible to grab specific time periods from the SDO feed and save them, or link to them for later replay?
>
> Perhaps that could be combined with the stripcharts from SuperSID on a web page to show how things go together?
>
> -steve
>
> On Wed, Mar 6, 2013 at 7:01 PM, Terry Galloway <terryg2@....com> wrote:
> Yes we saw it on the SDO screen on Sunday recording.
>
> ---Terry
>
>
>
> On Mar 6, 2013, at 8:54 AM, Steve Berl wrote:
>
>> Oops. Fixed the subject. The bump/flare was on March 2.
>>
>> -steve
>>
>> On Wed, Mar 6, 2013 at 8:50 AM, Steve Berl <steveberl@...> wrote:
>> http://sid.stanford.edu/database-browser/browse.jsp?date=2013-03-01T00.00.00&display=vertical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM
>>
>> The bump on 2013-03-02 at about 18:00 matches up nicely with the C1.6 flare.
>> Notice that these is no such bump on the day before or the day after in my plot.
>>
>> Did anyone else see it?
>>
>> --
>> -steve
>>
>>
>>
>> --
>> -steve
>

>
>
>
> --
> -steve

1050. Re: [Super_SID] Re: I see at SID on March 3rd!

Yahoo group: Super_SID
Date: 2013-03-07 06:21:17 UTC
From: danny garvin
Topic: 1038 Message: 1050

S/W Indiana

From: Steve Berl <steveberl@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Wednesday, March 6, 2013 2:51 PM
Subject: [Super_SID] Re: I see at SID on March 3rd!

What part of the world are you located?

Steve @ Chabot Space & Science Center, Oakland, CA

On Wednesday, March 6, 2013, danny garvin wrote:

>
>My NML & NLK graphs also show the small bump
>Danny
>WB9RIM
>
>
>
>_____
> From: Steve Berl <steveberl@...>
>To: Super_SID@yahoogroups.com
>Sent: Wednesday, March 6, 2013 10:50 AM
>Subject: [Super_SID] I see at SID on March 3rd!
>
>
>
>http://sid.stanford.edu/database-browser/browse.jsp?date=2013-03-01T00.00.00&display=vert
ical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM
>
>
>The bump on 2013-03-02 at about 18:00 matches up nicely with the C1.6 flare.
>Notice that these is no such bump on the day before or the day after in my plot.
>
>
>Did anyone else see it?
>
>
>--
>-steve
>
>

--
-steve

1051. Re: Python issue after adding stations

Yahoo group: Super_SID
Date: 2013-03-07 13:46:07 UTC
From: Donald
Topic: 1041 Message: 1051

Check your last station, SXA at 49 kHz. I don't think SuperSID can handle a station that is higher than 48 kHz or more than half the sampling rate.

Don

--- In Super_SID@yahoogroups.com, Tulio <tuliobaars@...> wrote:
>
> Hello dear fellows,
>
> Today I added two more stations in my SuperSID Config file, they seem to be
> pretty strong over here. I saved the file, closed the SuperSID software and
> opened it again. The software runs correclty, but a Python error window
> keep displaying this message:
>
> "Traceback (most recent call last):
> File "supersid.py", line 444, in on_timer
> File "supersid.py", line 937, in on_timer
> File "supersid.py", line 150, in update
> IndexError: index out of bounds"
>
> Do you know what may be causing this? Does the SuperSID software have
> difficulties to handle 8 stations?
>
> I'm attaching the .cfg file, maybe I screwed something up when setting up
> the stations.
>
> Thank you very much
>

1052. Re: I see at SID on March 2rd!

Yahoo group: Super_SID
Date: 2013-03-07 05:22:52 UTC
From: rgcouch717
Topic: 1039 Message: 1052

I would be very interested in learning how to store specific events from SDO. Will we be able to display the recorded events at the same station?

-Rich

--- In Super_SID@yahoogroups.com, Terry Galloway <terryg2@...> wrote:
>
> Does Ben know how we can capture and store an event with SDO in Rachel? We sure had some very big ones on Sunday and our visitors loved them. We can do stop action and step through in slow motion. This feature is fantastic.
>
> ---Terry
>
>
>
> On Mar 6, 2013, at 7:25 PM, Steve Berl wrote:
>
> > Is it possible to grab specific time periods from the SDO feed and save them, or link to them for later replay?
> >
> > Perhaps that could be combined with the stripcharts from SuperSID on a web page to show how things go together?
> >
> > -steve
> >
> > On Wed, Mar 6, 2013 at 7:01 PM, Terry Galloway <terryg2@...> wrote:
> > Yes we saw it on the SDO screen on Sunday recording.
> >
> > ---Terry
> >
> >
> >
> > On Mar 6, 2013, at 8:54 AM, Steve Berl wrote:
> >
> >> Oops. Fixed the subject. The bump/flare was on March 2.
> >>
> >> -steve
> >>
> >> On Wed, Mar 6, 2013 at 8:50 AM, Steve Berl <steveberl@...> wrote:
> >> http://sid.stanford.edu/database-browser/browse.jsp?date=2013-03-01T00.00.00&display=vertical&goesFlareStrength=C1.0&timeRange=4320&size=1600x375&monitor=035$CSSC$NPM
> >>
> >> The bump on 2013-03-02 at about 18:00 matches up nicely with the C1.6 flare.
> >> Notice that these is no such bump on the day before or the day after in my plot.
> >>

> >> Did anyone else see it?
> >>
> >> --
> >> -steve
> >>
> >>
> >>
> >> --
> >> -steve
> >
> >
> >
> >
> > --
> > -steve
>

1053. Re: [Super_SID] Python issue after adding stations

Yahoo group: Super_SID
Date: 2013-03-07 16:44:16 UTC
From: Liu zhenzhong
Topic: 1041 Message: 1053

Error code three reasons
1, you unplug the microphone port cable during the software runs the error code will appear.
When you re-insert again to run the software, there will not be an error code.

2 Python software, you set the color code is not set correctly.

```
number_of_stations = 12
[STATION_1]
call_sign = 3SB
color = r  (color code 1)
frequency = 10600
[STATION_2]
call_sign = UVA
color = b  (color code 2)
frequency = 14600
[STATION_3]
call_sign = UIK
color = g  (color code 3)
frequency = 15000
[STATION_4]
call_sign = JXN
color = c  (color code 4)
frequency = 16400
[STATION_5]
call_sign = FTA
color = y  (color code 5)
frequency = 16800
[STATION_6]
call_sign = UFQE
color = k  (color code 6)
frequency = 18100
[STATION_7]
call_sign = VTX3
color = r  (color code "red")
frequency = 18200
[STATION_8]
call_sign = GBZ
color = b  (color code "Black or blue")
frequency = 19600
[STATION_9]
call_sign = UGE
color = g  (color code "Green")
frequency = 19700
[STATION_10]
call_sign = NWC
```

```
color = c  (color code "chocolate or camel")
frequency = 19800
[STATION_11]
call_sign = VLF
color = y  (color code "yellow")
frequency = 20000
[STATION_12]
call_sign = ICV
color = k  (color code "khaki")
frequency = 20270

3, your site is set with the code is not correct.
number_of_stations = 12
[STATION_12]
call_sign = ICV
color = k
frequency = 20270
site "number_of_stations = 12"  and [STATION_12] to be consistent.
```

--- 13年3月7日，周四, Tulio <tuliobaars@...> 写道：

发件人: Tulio <tuliobaars@gmail.com>
主题: Re: [Super_SID] Python issue after adding stations
收件人: Super_SID@yahoogroups.com
日期: 2013年3月7日,周四,上午9:55

```
Hi Bill. Yep, it is running at 96kHz.

The SuperSID software keeps running as usual, with expected charts. Only this Python window
keep apearing over and over again, really annoying.

Thanks

2013/3/6 WILLIAM & MELINDA LORD <ap_guardian@...>

Super SID can handle 8 or more stations.

Check your sound card settings to see that it is still set to sample at 96 kHz.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them
speak. :-)

From: Tulio <tuliobaars@...>
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 6, 2013 1:11 PM
Subject: [Super_SID] Python issue after adding stations [1 Attachment]

Hello dear fellows,
```

Today I added two more stations in my SuperSID Config file, they seem to be pretty strong over here. I saved the file, closed the SuperSID software and opened it again. The software runs correclty, but a Python error window keep displaying this message:

```
"Traceback (most recent call last):
  File "supersid.py", line 444, in on_timer
  File "supersid.py", line 937, in on_timer
  File "supersid.py", line 150, in update
IndexError: index out of bounds"
```

Do you know what may be causing this? Does the SuperSID software have difficulties to handle 8 stations?

I'm attaching the .cfg file, maybe I screwed something up when setting up the stations.

Thank you very much

1054. Re: [Super_SID] Python issue after adding stations

Yahoo group: Super_SID
Date: 2013-03-07 20:46:13 UTC
From: Tulio
Topic: 1041 Message: 1054

Thanks Liu, Don, Steve, Bill and Frank.

The error was because of the 49kHz station. The SuperSID software cannot handle frequencies over half of the sampling rate, as Don said.

Have been running for half an hour now, no problems at all.

Thanks!

regards

2013/3/7 Liu zhenzhong <gz510055@....cn>

> **
>
>
> Error code three reasons
> 1, you unplug the microphone port cable during the software runs the error
> code will appear.
> When you re-insert again to run the software, there will not be an error
> code.
>
> 2 Python software, you set the color code is not set correctly.
> number_of_stations = 12
> [STATION_1]
> call_sign = 3SB
> color = r (color code 1)
> frequency = 10600
> [STATION_2]
> call_sign = UVA
> color = b (color code 2)
> frequency = 14600
> [STATION_3]
> call_sign = UIK
> color = g (color code 3)
> frequency = 15000
> [STATION_4]
> call_sign = JXN
> color = c (color code 4)
> frequency = 16400
> [STATION_5]
> call_sign = FTA
> color = y (color code 5)
> frequency = 16800
> [STATION_6]
> call_sign = UFQE

> color = k (color code 6)
> frequency = 18100
> [STATION_7]
> call_sign = VTX3
> color = r (color code "red")
> frequency = 18200
> [STATION_8]
> call_sign = GBZ
> color = b (color code "Black or blue")
> frequency = 19600
> [STATION_9]
> call_sign = UGE
> color = g (color code "Green")
> frequency = 19700
> [STATION_10]
> call_sign = NWC
> color = c (color code "chocolate or camel")
> frequency = 19800
> [STATION_11]
> call_sign = VLF
> color = y (color code "yellow")
> frequency = 20000
> [STATION_12]
> call_sign = ICV
> color = k (color code "khaki")
> frequency = 20270
>
> 3, your site is set with the code is not correct.
> number_of_stations = 12
> [STATION_12]
> call_sign = ICV
> color = k
> frequency = 20270
> site "number_of_stations = 12" and [STATION_12] to be consistent.
>
>
>
> --- *13年3月7日，周四, Tulio <tuliobaars@...>* 写道：
>
>
> 发件人: Tulio <tuliobaars@...>
> 主题: Re: [Super_SID] Python issue after adding stations
> 收件人: Super_SID@yahoogroups.com
> 日期: 2013年3月7日,周四,上午9:55
>
>
>
> Hi Bill. Yep, it is running at 96kHz.
>

> The SuperSID software keeps running as usual, with expected charts. Only
> this Python window keep apearing over and over again, really annoying.
>
> Thanks
>
> 2013/3/6 WILLIAM & MELINDA LORD
<ap_guardian@yahoo.com<http://cn.mc156.mail.yahoo.com/mc/compose?to=ap_guardian@...>
> >
>
> **
>
> Super SID can handle 8 or more stations.
>
> Check your sound card settings to see that it is still set to sample at 96
> kHz.
>
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnskynet.com/>
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* Tulio <tuliobaars@...<http://cn.mc156.mail.yahoo.com/mc/compose?to=tuliobaars@...>
> >
> *To:*
Super_SID@yahoogroups.com<http://cn.mc156.mail.yahoo.com/mc/compose?to=Super_SID@yahoogroups.com>
> *Sent:* Wednesday, March 6, 2013 1:11 PM
> *Subject:* [Super_SID] Python issue after adding stations [1 Attachment]
>
>
> Hello dear fellows,
>
> Today I added two more stations in my SuperSID Config file, they seem to
> be pretty strong over here. I saved the file, closed the SuperSID software
> and opened it again. The software runs correclty, but a Python error window
> keep displaying this message:
>
> "Traceback (most recent call last):
> File "supersid.py", line 444, in on_timer
> File "supersid.py", line 937, in on_timer
> File "supersid.py", line 150, in update
> IndexError: index out of bounds"
>
> Do you know what may be causing this? Does the SuperSID software have
> difficulties to handle 8 stations?
>
> I'm attaching the .cfg file, maybe I screwed something up when setting up

> the stations.
>
> Thank you very much
>
>
>
>
>

1055. Re: [Super_SID] Python issue after adding stations

Yahoo group: Super_SID
Date: 2013-03-07 21:44:58 UTC
From: Steve Berl
Topic: 1041 Message: 1055

It isn't a limitation of the SuperSID software, it's a law of nature (Nyquist's Theorem).

The error reporting could be better :-)

-steve

On Thu, Mar 7, 2013 at 12:46 PM, Tulio <tuliobaars@...> wrote:

> **
>
>
> Thanks Liu, Don, Steve, Bill and Frank.
>
> The error was because of the 49kHz station. The SuperSID software cannot
> handle frequencies over half of the sampling rate, as Don said.
>
> Have been running for half an hour now, no problems at all.
>
> Thanks!
>
> regards
>
>
> 2013/3/7 Liu zhenzhong <gz510055@...>
>
>> **
>>
>>
>> Error code three reasons
>> 1, you unplug the microphone port cable during the software runs the
>> error code will appear.
>> When you re-insert again to run the software, there will not be an error
>> code.
>>
>> 2 Python software, you set the color code is not set correctly.
>> number_of_stations = 12
>> [STATION_1]
>> call_sign = 3SB
>> color = r (color code 1)
>> frequency = 10600
>> [STATION_2]
>> call_sign = UVA
>> color = b (color code 2)
>> frequency = 14600

>> [STATION_3]
>> call_sign = UIK
>> color = g (color code 3)
>> frequency = 15000
>> [STATION_4]
>> call_sign = JXN
>> color = c (color code 4)
>> frequency = 16400
>> [STATION_5]
>> call_sign = FTA
>> color = y (color code 5)
>> frequency = 16800
>> [STATION_6]
>> call_sign = UFQE
>> color = k (color code 6)
>> frequency = 18100
>> [STATION_7]
>> call_sign = VTX3
>> color = r (color code "red")
>> frequency = 18200
>> [STATION_8]
>> call_sign = GBZ
>> color = b (color code "Black or blue")
>> frequency = 19600
>> [STATION_9]
>> call_sign = UGE
>> color = g (color code "Green")
>> frequency = 19700
>> [STATION_10]
>> call_sign = NWC
>> color = c (color code "chocolate or camel")
>> frequency = 19800
>> [STATION_11]
>> call_sign = VLF
>> color = y (color code "yellow")
>> frequency = 20000
>> [STATION_12]
>> call_sign = ICV
>> color = k (color code "khaki")
>> frequency = 20270
>>
>> 3, your site is set with the code is not correct.
>> number_of_stations = 12
>> [STATION_12]
>> call_sign = ICV
>> color = k
>> frequency = 20270
>> site "number_of_stations = 12" and [STATION_12] to be consistent.
>>

>>
>>
>> --- *13年3月7日，周四, Tulio <tuliobaars@gmail.com>* 写道：
>>
>>
>> 发件人: Tulio <tuliobaars@...>
>> 主题: Re: [Super_SID] Python issue after adding stations
>> 收件人: Super_SID@yahoogroups.com
>> 日期: 2013年3月7日,周四,上午9:55
>>
>>
>>
>> Hi Bill. Yep, it is running at 96kHz.
>>
>> The SuperSID software keeps running as usual, with expected charts. Only
>> this Python window keep apearing over and over again, really annoying.
>>
>> Thanks
>>
>> 2013/3/6 WILLIAM & MELINDA LORD
<ap_guardian@...<http://cn.mc156.mail.yahoo.com/mc/compose?to=ap_guardian@...>
>> >
>>
>> **
>>
>> Super SID can handle 8 or more stations.
>>
>> Check your sound card settings to see that it is still set to sample at
>> 96 kHz.
>>
>> Bill & Melinda Lord
>> www.tnSkyNet.com <http://www.tnskynet.com/>
>> www.radio-astronomy.org
>>
>> Light travels faster than sound. This is why some people appear bright
>> until you hear them speak. :-)
>>
>> ----------
>> *From:* Tulio <tuliobaars@...<http://cn.mc156.mail.yahoo.com/mc/compose?to=tuliobaars@gmail.com>
>> >
>> *To:*
Super_SID@yahoogroups.com<http://cn.mc156.mail.yahoo.com/mc/compose?to=Super_SID@yahoogroups.com>
>> *Sent:* Wednesday, March 6, 2013 1:11 PM
>> *Subject:* [Super_SID] Python issue after adding stations [1 Attachment]
>>
>>
>> Hello dear fellows,
>>
>> Today I added two more stations in my SuperSID Config file, they seem to

>> be pretty strong over here. I saved the file, closed the SuperSID software
>> and opened it again. The software runs correclty, but a Python error window
>> keep displaying this message:
>>
>> "Traceback (most recent call last):
>> File "supersid.py", line 444, in on_timer
>> File "supersid.py", line 937, in on_timer
>> File "supersid.py", line 150, in update
>> IndexError: index out of bounds"
>>
>> Do you know what may be causing this? Does the SuperSID software have
>> difficulties to handle 8 stations?
>>
>> I'm attaching the .cfg file, maybe I screwed something up when setting up
>> the stations.
>>
>> Thank you very much
>>
>>
>>
>>
>
>

--
-steve

1056. Big Spike at 40kHz

Yahoo group: Super_SID
Date: 2013-03-10 20:20:24 UTC
From: Tulio
Topic: 1056 Message: 1056
Attachments: 1 described; binary payloads are missing from this source WARC

Hello all,

These last days I managed to isolate a particular station, appearing constantly at 40kHz. According to http://sidstation.loudet.org/stations-list-en.xhtml, this is JJY-40, a Fukushima VLF station.

Analyzing the graphs for yesterday, 03/09/2013, I found a huge spike on JJY-40 chart. As it dropped really fast, as it started, I'm not taking it as a solar flare. What could cause this? I haven't moved the antenna, and the weather was pretty stable (a bit cloudy). Didn't notice anything other than usual, so this is kind of strange.

Thanks in advance

1057. [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-14 01:05:47 UTC
From: Frank
Topic: 1041 Message: 1057

Hello, after some work on my station, I turned on the upload data line in the config file. Is there a way to see if its actually uploading my data to the system?
Station ID# 0400 TYNGS3

Thanks

Frank

1058. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-14 01:47:31 UTC
From: Deborah Scherrer
Topic: 1041 Message: 1058

Sure, I checked and your 1 data file is there and on display in the data browser!
Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400]. Unfortunately (long story), I have to set the stations you are monitoring by hand. I set that to NAA. If you send in data from other transmitters, please let me know
and I'll update the database.

Deborah Scherrer

On 3/13/13 6:05 PM, Frank wrote:
>
> □
>
> Hello, after some work on my station, I turned on the upload data line
> in the config file. Is there a way to see if its actually uploading my
> data to the system?
> Station ID# 0400 TYNGS3
> Thanks
> Frank
>

1059. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-14 01:58:22 UTC
From: Frank
Topic: 1041 Message: 1059

Hi there, ok, good to know its uploading, I wasn't sure how often it did. Ok on the 400 and not 0400, I put in what was on the paperwork I got and so I assumed that was the way it was to be. Yes, I really only see the NAA one, so I cut the others out but can add them in if its helpful. Curious to see what my output looks like out there in the world. I'm in the process of making a better, dedicated station just for SID work.
If I do add them or if it is helpful to have all of them, I will put them back in and let you know..

Thank you

Frank

----- Original Message -----
From: Deborah Scherrer
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 9:47 PM
Subject: Re: [Super_SID] Data uploading

Sure, I checked and your 1 data file is there and on display in the data browser!
Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400]. Unfortunately
(long story), I have to set the stations you are monitoring by hand. I set
that to NAA. If you send in data from other transmitters, please let me know
and I'll update the database.

Deborah Scherrer

On 3/13/13 6:05 PM, Frank wrote:

☐

Hello, after some work on my station, I turned on the upload data line in the config file.
Is there a way to see if its actually uploading my data to the system?
Station ID# 0400 TYNGS3

Thanks

Frank

1060. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-14 02:00:38 UTC
From: Steve Berl
Topic: 1041 Message: 1060

Frank, Also, the longitude for your station in the .cfg file should be
-71.44, not 71.44, assuming you are actually in the eastern US.

Deborah, you might want to check that in your database also.

And maybe everyone else on this mailing list might check their cfg files to
see if the longitude and latitude have the correct signs. If you are north
of the equator, the latitude is positive, south is negative. East of
Greenwich, England to roughly the international dateline is positive
longitude. West of Greenwich is negative.

Thanks,

-steve

On Wed, Mar 13, 2013 at 6:47 PM, Deborah Scherrer <
dscherrer@...> wrote:

> **
>
>
> Sure, I checked and your 1 data file is there and on display in the data
> browser!
> Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400].
> Unfortunately
> (long story), I have to set the stations you are monitoring by hand. I set
> that to NAA. If you send in data from other transmitters, please let me
> know
> and I'll update the database.
>
> Deborah Scherrer
>
>
> On 3/13/13 6:05 PM, Frank wrote:
>
>
>
>
>
> Hello, after some work on my station, I turned on the upload data line in
> the config file. Is there a way to see if its actually uploading my data to
> the system?
> Station ID# 0400 TYNGS3
>
> Thanks
>
> Frank

>
>
>
>

--
-steve

1061. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-14 02:04:40 UTC
From: Frank
Topic: 1041 Message: 1061

OK, thanks, I have so many programs and not all the same as to the way to input the longitude data it gets confusing sometimes... I'll change that and yes, I am located in the Eastern part of the USA in Massachusetts..

Frank

----- Original Message -----
From: Steve Berl
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:00 PM
Subject: Re: [Super_SID] Data uploading

Frank, Also, the longitude for your station in the .cfg file should be -71.44, not 71.44, assuming you are actually in the eastern US.

Deborah, you might want to check that in your database also.

And maybe everyone else on this mailing list might check their cfg files to see if the longitude and latitude have the correct signs. If you are north of the equator, the latitude is positive, south is negative. East of Greenwich, England to roughly the international dateline is positive longitude. West of Greenwich is negative.

Thanks,

-steve

On Wed, Mar 13, 2013 at 6:47 PM, Deborah Scherrer <dscherrer@...u> wrote:

Sure, I checked and your 1 data file is there and on display in the data browser!
Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400]. Unfortunately
(long story), I have to set the stations you are monitoring by hand. I set
that to NAA. If you send in data from other transmitters, please let me know
and I'll update the database.

Deborah Scherrer

On 3/13/13 6:05 PM, Frank wrote:

Hello, after some work on my station, I turned on the upload data line in the config file. Is there a way to see if its actually uploading my data to the system?
Station ID# 0400 TYNGS3

Thanks

Frank

--
-steve

1062. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-14 02:08:36 UTC
From: Frank
Topic: 1041 Message: 1062

Oh, question, on the UTC offset, would that be set for the normal offset which is -5 for me or when it changes here, like it just did, I change that to -4 now since we just sprung ahead one hour..?
I updated the longitude in the file and the current utc offset...

Frank

----- Original Message -----
From: Steve Berl
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:00 PM
Subject: Re: [Super_SID] Data uploading

Frank, Also, the longitude for your station in the .cfg file should be -71.44, not 71.44, assuming you are actually in the eastern US.

Deborah, you might want to check that in your database also.

And maybe everyone else on this mailing list might check their cfg files to see if the longitude and latitude have the correct signs. If you are north of the equator, the latitude is positive, south is negative. East of Greenwich, England to roughly the international dateline is positive longitude. West of Greenwich is negative.

Thanks,

-steve

On Wed, Mar 13, 2013 at 6:47 PM, Deborah Scherrer <dscherrer@...> wrote:

Sure, I checked and your 1 data file is there and on display in the data browser!
Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400]. Unfortunately
(long story), I have to set the stations you are monitoring by hand. I set
that to NAA. If you send in data from other transmitters, please let me know
and I'll update the database.

Deborah Scherrer

On 3/13/13 6:05 PM, Frank wrote:

Hello, after some work on my station, I turned on the upload data line in the config file.
Is there a way to see if its actually uploading my data to the system?
Station ID# 0400 TYNGS3

Thanks

Frank

--
-steve

1063. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-14 02:23:21 UTC
From: Frank
Topic: 1041 Message: 1063

Ok, I added all 6 stations back into the config file, should be showing up there now..

Frank

----- Original Message -----
From: Steve Berl
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:00 PM
Subject: Re: [Super_SID] Data uploading

Frank, Also, the longitude for your station in the .cfg file should be -71.44, not 71.44, assuming you are actually in the eastern US.

Deborah, you might want to check that in your database also.

And maybe everyone else on this mailing list might check their cfg files to see if the longitude and latitude have the correct signs. If you are north of the equator, the latitude is positive, south is negative. East of Greenwich, England to roughly the international dateline is positive longitude. West of Greenwich is negative.

Thanks,

-steve

On Wed, Mar 13, 2013 at 6:47 PM, Deborah Scherrer <dscherrer@solar.stanford.edu> wrote:

Sure, I checked and your 1 data file is there and on display in the data browser!
Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400]. Unfortunately
(long story), I have to set the stations you are monitoring by hand. I set
that to NAA. If you send in data from other transmitters, please let me know
and I'll update the database.

Deborah Scherrer

On 3/13/13 6:05 PM, Frank wrote:

Hello, after some work on my station, I turned on the upload data line in the config file.
Is there a way to see if its actually uploading my data to the system?
Station ID# 0400 TYNGS3

Thanks

Frank

--
-steve

1064. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-14 02:29:58 UTC
From: Frank
Topic: 1041 Message: 1064

In my config file, the site ID is 400, is that what it should be? my paperwork shows 0400, is there a difference? what browser are we talking about that shows the stations and data, is that the data link on the SID site?
Thanks for the help and answers !!!

Frank

----- Original Message -----
From: Frank
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:23 PM
Subject: Re: [Super_SID] Data uploading

Ok, I added all 6 stations back into the config file, should be showing up there now..

Frank

----- Original Message -----
From: Steve Berl
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:00 PM
Subject: Re: [Super_SID] Data uploading

Frank, Also, the longitude for your station in the .cfg file should be -71.44, not 71.44, assuming you are actually in the eastern US.

Deborah, you might want to check that in your database also.

And maybe everyone else on this mailing list might check their cfg files to see if the longitude and latitude have the correct signs. If you are north of the equator, the latitude is positive, south is negative. East of Greenwich, England to roughly the international dateline is positive longitude. West of Greenwich is negative.

Thanks,

-steve

On Wed, Mar 13, 2013 at 6:47 PM, Deborah Scherrer <dscherrer@...> wrote:

Sure, I checked and your 1 data file is there and on display in the data browser!
Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400]. Unfortunately
(long story), I have to set the stations you are monitoring by hand. I set
that to NAA. If you send in data from other transmitters, please let me know
and I'll update the database.

Deborah Scherrer

On 3/13/13 6:05 PM, Frank wrote:

Hello, after some work on my station, I turned on the upload data line in the config file. Is there a way to see if its actually uploading my data to the system?
Station ID# 0400 TYNGS3

Thanks

Frank

--
-steve

1065. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-14 15:41:25 UTC
From: Deborah Scherrer
Topic: 1041 Message: 1065

Doesn't matter to me which you choose. We only respond to what you put
in the config file and in this case it was 400. So I would suggest sticking
with that. ;-)

Debbie

On 3/13/13 7:29 PM, Frank wrote:
>
> In my config file, the site ID is 400, is that what it should be? my
> paperwork shows 0400, is there a difference? what browser are we
> talking about that shows the stations and data, is that the data link
> on the SID site?
> Thanks for the help and answers !!!
> Frank
>
> ----- Original Message -----
> *From:* Frank <mailto:skybug@...>
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
> *Sent:* Wednesday, March 13, 2013 10:23 PM
> *Subject:* Re: [Super_SID] Data uploading
>
> Ok, I added all 6 stations back into the config file, should be
> showing up there now..
> Frank
>
> ----- Original Message -----
> *From:* Steve Berl <mailto:steveberl@...>
> *To:* Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>
> *Sent:* Wednesday, March 13, 2013 10:00 PM
> *Subject:* Re: [Super_SID] Data uploading
>
> Frank, Also, the longitude for your station in the .cfg file
> should be -71.44, not 71.44, assuming you are actually in the
> eastern US.
>
> Deborah, you might want to check that in your database also.
>
>
> And maybe everyone else on this mailing list might check their
> cfg files to see if the longitude and latitude have the
> correct signs. If you are north of the equator, the latitude
> is positive, south is negative. East of Greenwich, England to
> roughly the international dateline is positive longitude. West
> of Greenwich is negative.

>
> Thanks,
>
> -steve
>
> On Wed, Mar 13, 2013 at 6:47 PM, Deborah Scherrer
> <dscherrer@...
> <mailto:dscherrer@...>> wrote:
>
> Sure, I checked and your 1 data file is there and on
> display in the data browser!
> Also, your Site is TYNGS3. Your MonitorID is 400 [not
> 0400]. Unfortunately
> (long story), I have to set the stations you are
> monitoring by hand. I set
> that to NAA. If you send in data from other transmitters,
> please let me know
> and I'll update the database.
>
> Deborah Scherrer
>
>
>
> On 3/13/13 6:05 PM, Frank wrote:
>> Hello, after some work on my station, I turned on the
>> upload data line in the config file. Is there a way to
>> see if its actually uploading my data to the system?
>> Station ID# 0400 TYNGS3
>> Thanks
>> Frank
>
>
>
>
> --
> -steve
>
>

1066. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-15 00:21:17 UTC
From: Frank
Topic: 1041 Message: 1066

Hi Debbie, Ok, that will stay as is and I can see my station showing up now, but really confused on what I am seeing displayed? It has been running online now for over 24 hours, yet I only see a line at the end of the graph. I went to others and saw one or two the same, but then others actually showing a nice data plot of varying signal strength..I also have the 6 stations running again, but don't see any of them, just the NAA one. I also looked at the raw data run and only see some data from earlier, then looks like nothing.. I'm still learning about this, so please bare with me.....

Thank you

Frank

----- Original Message -----
From: Deborah Scherrer
To: Super_SID@yahoogroups.com
Sent: Thursday, March 14, 2013 11:41 AM
Subject: Re: [Super_SID] Data uploading

Doesn't matter to me which you choose. We only respond to what you put
in the config file and in this case it was 400. So I would suggest sticking
with that. ;-)

Debbie

On 3/13/13 7:29 PM, Frank wrote:

In my config file, the site ID is 400, is that what it should be? my paperwork shows 0400, is there a difference? what browser are we talking about that shows the stations and data, is that the data link on the SID site?
Thanks for the help and answers !!!

Frank

----- Original Message -----
From: Frank
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:23 PM
Subject: Re: [Super_SID] Data uploading

Ok, I added all 6 stations back into the config file, should be showing up there now..

Frank

----- Original Message -----
From: Steve Berl
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:00 PM
Subject: Re: [Super_SID] Data uploading

Frank, Also, the longitude for your station in the .cfg file should be -71.44, not 71.44, assuming you are actually in the eastern US.

Deborah, you might want to check that in your database also.

And maybe everyone else on this mailing list might check their cfg files to see if the longitude and latitude have the correct signs. If you are north of the equator, the latitude is positive, south is negative. East of Greenwich, England to roughly the international dateline is positive longitude. West of Greenwich is negative.

Thanks,

-steve

On Wed, Mar 13, 2013 at 6:47 PM, Deborah Scherrer <dscherrer@...> wrote:

Sure, I checked and your 1 data file is there and on display in the data browser!
Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400]. Unfortunately
(long story), I have to set the stations you are monitoring by hand. I set
that to NAA. If you send in data from other transmitters, please let me know
and I'll update the database.

Deborah Scherrer

On 3/13/13 6:05 PM, Frank wrote:

Hello, after some work on my station, I turned on the upload data line in the config file.
Is there a way to see if its actually uploading my data to the system?
Station ID# 0400 TYNGS3

Thanks

Frank

--
-steve

1067. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-15 00:25:16 UTC
From: Steve Berl
Topic: 1041 Message: 1067

Did you kill and restart the SuperSID.exe after you edited the SuperSID.cfg
file?

On Thursday, March 14, 2013, Frank wrote:

> **
>
>
> **
> Hi Debbie, Ok, that will stay as is and I can see my station showing up
> now, but really confused on what I am seeing displayed? It has been running
> online now for over 24 hours, yet I only see a line at the end of the
> graph. I went to others and saw one or two the same, but then others
> actually showing a nice data plot of varying signal strength..I also have
> the 6 stations running again, but don't see any of them, just the NAA one.
> I also looked at the raw data run and only see some data from earlier, then
> looks like nothing..
> I'm still learning about this, so please bare with me.....
>
> Thank you
>
> Frank
>
>
>
> ----- Original Message -----
> *From:* Deborah Scherrer <javascript:_e({}, 'cvml',
> 'dscherrer@...');>
> *To:* Super_SID@yahoogroups.com <javascript:_e({}, 'cvml',
> 'Super_SID@yahoogroups.com');>
> *Sent:* Thursday, March 14, 2013 11:41 AM
> *Subject:* Re: [Super_SID] Data uploading
>
>
>
> Doesn't matter to me which you choose. We only respond to what you put
> in the config file and in this case it was 400. So I would suggest
> sticking
> with that. ;-)
>
> Debbie
>
> On 3/13/13 7:29 PM, Frank wrote:
>
>

>
> In my config file, the site ID is 400, is that what it should be? my
> paperwork shows 0400, is there a difference? what browser are we talking
> about that shows the stations and data, is that the data link on the SID
> site?
> Thanks for the help and answers !!!
>
> Frank
>
>
>
> ----- Original Message -----
> *From:* Frank
> *To:* Super_SID@yahoogroups.com
> *Sent:* Wednesday, March 13, 2013 10:23 PM
> *Subject:* Re: [Super_SID] Data uploading
>
>
>
> Ok, I added all 6 stations back into the config file, should be showing up
> there now..
>
>
> Frank
>
>
>
> ----- Original Message -----
> *From:* Steve Berl
> *To:* Super_SID@yahoogroups.com
> *Sent:* Wednesday, March 13, 2013 10:00 PM
> *Subject:* Re: [Super_SID] Data uploading
>
>
>
> Frank, Also, the longitude for your station in the .cfg file should be
> -71.44, not 71.44, assuming you are actually in the eastern US.
>
> Deborah, you might want to check that in your database also.
>
> And maybe everyone else on this mailing list might check their cfg files
> to see if the longitude and latitude have the correct signs. If you are
> north of the equator, the latitude is positive, south is negative. East of
> Greenwich, England to roughly the international dateline is positive
> longitude. West of Greenwich is negative.
>
> Thanks,
>
> -steve
>

> On Wed, Mar 13, 2013 at 6:47 PM, Deborah Scherrer <
> dscherrer@...> wrote:
>
>
>
> Sure, I checked and your 1 data file is there and on display in the data
> browser!
> Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400].
> Unfortunately
> (long story), I have to set the stations you are monitoring by hand. I set
> that to NAA. If you send in data from other transmitters, please let me
> know
> and I'll update the database.
>
> Deborah Scherrer
>
>
> On 3/13/13 6:05 PM, Frank wrote:
>
>
> Hello, after some work on my station, I turned on the upload data line in
> the config file. Is there a way to see if its actually uploading my data to
> the system?
> Station ID# 0400 TYNGS3
>
>
>
>

--
-steve

1068. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-15 00:26:30 UTC
From: Frank
Topic: 1041 Message: 1068

Was just thinking that and doing that now....

Frank

----- Original Message -----
From: Steve Berl
To: Super_SID@yahoogroups.com
Sent: Thursday, March 14, 2013 8:25 PM
Subject: Re: [Super_SID] Data uploading

Did you kill and restart the SuperSID.exe after you edited the SuperSID.cfg file?

On Thursday, March 14, 2013, Frank wrote:

Hi Debbie, Ok, that will stay as is and I can see my station showing up now, but really confused on what I am seeing displayed? It has been running online now for over 24 hours, yet I only see a line at the end of the graph. I went to others and saw one or two the same, but then others actually showing a nice data plot of varying signal strength..I also have the 6 stations running again, but don't see any of them, just the NAA one. I also looked at the raw data run and only see some data from earlier, then looks like nothing.. I'm still learning about this, so please bare with me.....

Thank you

Frank

----- Original Message -----
From: Deborah Scherrer
To: Super_SID@yahoogroups.com
Sent: Thursday, March 14, 2013 11:41 AM
Subject: Re: [Super_SID] Data uploading

Doesn't matter to me which you choose. We only respond to what you put
in the config file and in this case it was 400. So I would suggest sticking
with that. ;-)

Debbie

On 3/13/13 7:29 PM, Frank wrote:

In my config file, the site ID is 400, is that what it should be? my paperwork shows 0400, is there a difference? what browser are we talking about that shows the stations and data, is that the data link on the SID site?
Thanks for the help and answers !!!

Frank

----- Original Message -----
From: Frank
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:23 PM
Subject: Re: [Super_SID] Data uploading

Ok, I added all 6 stations back into the config file, should be showing up there now..

Frank

----- Original Message -----
From: Steve Berl
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:00 PM
Subject: Re: [Super_SID] Data uploading

Frank, Also, the longitude for your station in the .cfg file should be -71.44, not 71.44, assuming you are actually in the eastern US.

Deborah, you might want to check that in your database also.

And maybe everyone else on this mailing list might check their cfg files to see if the longitude and latitude have the correct signs. If you are north of the equator, the latitude is positive, south is negative. East of Greenwich, England to roughly the international dateline is positive longitude. West of Greenwich is negative.

Thanks,

-steve

On Wed, Mar 13, 2013 at 6:47 PM, Deborah Scherrer <dscherrer@...> wrote:

Sure, I checked and your 1 data file is there and on display in the data browser!
Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400]. Unfortunately
(long story), I have to set the stations you are monitoring by hand. I set
that to NAA. If you send in data from other transmitters, please let me know
and I'll update the database.

Deborah Scherrer

On 3/13/13 6:05 PM, Frank wrote:

Hello, after some work on my station, I turned on the upload data line in the config file.
Is there a way to see if its actually uploading my data to the system?
Station ID# 0400 TYNGS3

--
-steve

1069. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-15 00:29:53 UTC
From: Frank
Topic: 1041 Message: 1069

Its funny thou, it ran from 00:00 to 23:59 yesterday in the data and not one listing for today at all...

Frank

----- Original Message -----
From: Frank
To: Super_SID@yahoogroups.com
Sent: Thursday, March 14, 2013 8:26 PM
Subject: Re: [Super_SID] Data uploading

Was just thinking that and doing that now....

Frank

----- Original Message -----
From: Steve Berl
To: Super_SID@yahoogroups.com
Sent: Thursday, March 14, 2013 8:25 PM
Subject: Re: [Super_SID] Data uploading

Did you kill and restart the SuperSID.exe after you edited the SuperSID.cfg file?

On Thursday, March 14, 2013, Frank wrote:

Hi Debbie, Ok, that will stay as is and I can see my station showing up now, but really confused on what I am seeing displayed? It has been running online now for over 24 hours, yet I only see a line at the end of the graph. I went to others and saw one or two the same, but then others actually showing a nice data plot of varying signal strength..I also have the 6 stations running again, but don't see any of them, just the NAA one. I also looked at the raw data run and only see some data from earlier, then looks like nothing.. I'm still learning about this, so please bare with me.....

Thank you

Frank

----- Original Message -----
From: Deborah Scherrer
To: Super_SID@yahoogroups.com
Sent: Thursday, March 14, 2013 11:41 AM
Subject: Re: [Super_SID] Data uploading

Doesn't matter to me which you choose. We only respond to what you put
in the config file and in this case it was 400. So I would suggest sticking
with that. ;-)

Debbie

On 3/13/13 7:29 PM, Frank wrote:

In my config file, the site ID is 400, is that what it should be? my paperwork shows 0400, is there a difference? what browser are we talking about that shows the stations and data, is that the data link on the SID site?
Thanks for the help and answers !!!

Frank

----- Original Message -----
From: Frank
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:23 PM
Subject: Re: [Super_SID] Data uploading

Ok, I added all 6 stations back into the config file, should be showing up there now..

Frank

----- Original Message -----
From: Steve Berl
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:00 PM
Subject: Re: [Super_SID] Data uploading

Frank, Also, the longitude for your station in the .cfg file should be -71.44, not 71.44, assuming you are actually in the eastern US.

Deborah, you might want to check that in your database also.

And maybe everyone else on this mailing list might check their cfg files to see if the longitude and latitude have the correct signs. If you are north of the equator, the latitude is positive, south is negative. East of Greenwich, England to roughly the international dateline is positive longitude. West of Greenwich is negative.

Thanks,

-steve

On Wed, Mar 13, 2013 at 6:47 PM, Deborah Scherrer <dscherrer@...> wrote:

Sure, I checked and your 1 data file is there and on display in the data browser!
Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400]. Unfortunately
(long story), I have to set the stations you are monitoring by hand. I set
that to NAA. If you send in data from other transmitters, please let me know
and I'll update the database.

Deborah Scherrer

On 3/13/13 6:05 PM, Frank wrote:

Hello, after some work on my station, I turned on the upload data line in the config file. Is there a way to see if its actually uploading my data to the system?
Station ID# 0400 TYNGS3

--
-steve

1070. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-15 00:55:37 UTC
From: Frank
Topic: 1041 Message: 1070

So, as I learn more about this data upload stuff, it appears from below that other stations I add need to be updated by hand before showing up, but even still, cannot understand why I have a line at the end of the chart and not a plot? guess I need to do some more reading of my paperwork for this venture..

Thanks
Frank

----- Original Message -----
From: Deborah Scherrer
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 9:47 PM
Subject: Re: [Super_SID] Data uploading

Sure, I checked and your 1 data file is there and on display in the data browser!
Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400]. Unfortunately
(long story), I have to set the stations you are monitoring by hand. I set
that to NAA. If you send in data from other transmitters, please let me know
and I'll update the database.

Deborah Scherrer

On 3/13/13 6:05 PM, Frank wrote:

☐

Hello, after some work on my station, I turned on the upload data line in the config file.
Is there a way to see if its actually uploading my data to the system?
Station ID# 0400 TYNGS3

Thanks

Frank

1071. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-15 01:40:31 UTC
From: Deborah Scherrer
Topic: 1041 Message: 1071

Frank, I looked at your data files. They all start with zeroes in the
data fields.
It wasn't until around 22:25 that real data started showing up. Same for
all the files you've sent in. So this accounts for while your data are
"flatlined" until near the end.

I have no idea what would cause this, unless you only turned on your system
at 10:25 PM. ;-)

Debbie

On 3/14/13 5:29 PM, Frank wrote:
>
> Its funny thou, it ran from 00:00 to 23:59 yesterday in the data and
> not one listing for today at all...
> Frank
>
> ----- Original Message -----
> *From:* Frank <mailto:skybug@...>
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
> *Sent:* Thursday, March 14, 2013 8:26 PM
> *Subject:* Re: [Super_SID] Data uploading
>
> Was just thinking that and doing that now....
> Frank
>
> ----- Original Message -----
> *From:* Steve Berl <mailto:steveberl@...>
> *To:* Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>
> *Sent:* Thursday, March 14, 2013 8:25 PM
> *Subject:* Re: [Super_SID] Data uploading
>
> Did you kill and restart the SuperSID.exe after you edited the
> SuperSID.cfg file?
>
> On Thursday, March 14, 2013, Frank wrote:
>
> Hi Debbie, Ok, that will stay as is and I can see my
> station showing up now, but really confused on what I am
> seeing displayed? It has been running online now for over
> 24 hours, yet I only see a line at the end of the graph. I
> went to others and saw one or two the same, but then
> others actually showing a nice data plot of varying signal
> strength..I also have the 6 stations running again, but
> don't see any of them, just the NAA one. I also looked at

> the raw data run and only see some data from earlier, then
> looks like nothing..
> I'm still learning about this, so please bare with me.....
> Thank you
> Frank
>
> ----- Original Message -----
> *From:* Deborah Scherrer
> *To:* Super_SID@yahoogroups.com
> *Sent:* Thursday, March 14, 2013 11:41 AM
> *Subject:* Re: [Super_SID] Data uploading
>
> Doesn't matter to me which you choose. We only
> respond to what you put
> in the config file and in this case it was 400. So I
> would suggest sticking
> with that. ;-)
>
> Debbie
>
> On 3/13/13 7:29 PM, Frank wrote:
>> In my config file, the site ID is 400, is that what
>> it should be? my paperwork shows 0400, is there a
>> difference? what browser are we talking about that
>> shows the stations and data, is that the data link on
>> the SID site?
>> Thanks for the help and answers !!!
>> Frank
>>
>> ----- Original Message -----
>> *From:* Frank
>> *To:* Super_SID@yahoogroups.com
>> *Sent:* Wednesday, March 13, 2013 10:23 PM
>> *Subject:* Re: [Super_SID] Data uploading
>>
>> Ok, I added all 6 stations back into the config
>> file, should be showing up there now..
>> Frank
>>
>> ----- Original Message -----
>> *From:* Steve Berl
>> *To:* Super_SID@yahoogroups.com
>> *Sent:* Wednesday, March 13, 2013 10:00 PM
>> *Subject:* Re: [Super_SID] Data uploading
>>
>> Frank, Also, the longitude for your station
>> in the .cfg file should be -71.44, not 71.44,
>> assuming you are actually in the eastern US.
>>
>> Deborah, you might want to check that in your

>> database also.
>>
>>
>> And maybe everyone else on this mailing list
>> might check their cfg files to see if the
>> longitude and latitude have the correct
>> signs. If you are north of the equator, the
>> latitude is positive, south is negative. East
>> of Greenwich, England to roughly the
>> international dateline is positive longitude.
>> West of Greenwich is negative.
>>
>> Thanks,
>>
>> -steve
>>
>> On Wed, Mar 13, 2013 at 6:47 PM, Deborah
>> Scherrer <dscherrer@...> wrote:
>>
>> Sure, I checked and your 1 data file is
>> there and on display in the data browser!
>> Also, your Site is TYNGS3. Your
>> MonitorID is 400 [not 0400]. Unfortunately
>> (long story), I have to set the stations
>> you are monitoring by hand. I set
>> that to NAA. If you send in data from
>> other transmitters, please let me know
>> and I'll update the database.
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>> Deborah Scherrer
>>
>>
>>
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>>> config file. Is there a way to see if
>>> its actually uploading my data to the
>>> system?
>>> Station ID# 0400 TYNGS3
>>
>
>
> --
> -steve
>
>

1072. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-15 01:48:02 UTC
From: Deborah Scherrer
Topic: 1041 Message: 1072

Actually, the data for 14 March starts at 02:22 GMT. So there are actual plots. The plot for NAA is quite good data. The rest (JJI,NLK,NWC,NPM) are just noise.
You can either fuss with those, or delete them entirely and send in only NAA.
Personally, we'd rather have 1 plot of good data than 5 plots of bad. ;-)

Debbie

On 3/14/13 6:40 PM, Deborah Scherrer wrote:
>
> Frank, I looked at your data files. They all start with zeroes in the
> data fields.
> It wasn't until around 22:25 that real data started showing up. Same for
> all the files you've sent in. So this accounts for while your data are
> "flatlined" until near the end.
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> I have no idea what would cause this, unless you only turned on your
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> at 10:25 PM. ;-)
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> Debbie
>
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>> not one listing for today at all...
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>> *From:* Frank <mailto:skybug@...>
>> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
>> *Sent:* Thursday, March 14, 2013 8:26 PM
>> *Subject:* Re: [Super_SID] Data uploading
>>
>> Was just thinking that and doing that now....
>> Frank
>>
>> ----- Original Message -----
>> *From:* Steve Berl <mailto:steveberl@...>
>> *To:* Super_SID@yahoogroups.com
>> <mailto:Super_SID@yahoogroups.com>
>> *Sent:* Thursday, March 14, 2013 8:25 PM
>> *Subject:* Re: [Super_SID] Data uploading
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>> Did you kill and restart the SuperSID.exe after you edited
>> the SuperSID.cfg file?
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>> On Thursday, March 14, 2013, Frank wrote:
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>> Hi Debbie, Ok, that will stay as is and I can see my
>> station showing up now, but really confused on what I am
>> seeing displayed? It has been running online now for over
>> 24 hours, yet I only see a line at the end of the graph.
>> I went to others and saw one or two the same, but then
>> others actually showing a nice data plot of varying
>> signal strength..I also have the 6 stations running
>> again, but don't see any of them, just the NAA one. I
>> also looked at the raw data run and only see some data
>> from earlier, then looks like nothing..
>> I'm still learning about this, so please bare with me.....
>> Thank you
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>> *Sent:* Thursday, March 14, 2013 11:41 AM
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>>> it should be? my paperwork shows 0400, is there a
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>>> shows the stations and data, is that the data link
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>>> Thanks for the help and answers !!!
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>>> *From:* Frank
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>>> *Sent:* Wednesday, March 13, 2013 10:23 PM
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>>> *To:* Super_SID@yahoogroups.com
>>> *Sent:* Wednesday, March 13, 2013 10:00 PM
>>> *Subject:* Re: [Super_SID] Data uploading
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>>> in the .cfg file should be -71.44, not
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>>> Deborah, you might want to check that in
>>> your database also.
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>>>
>>> And maybe everyone else on this mailing list
>>> might check their cfg files to see if the
>>> longitude and latitude have the correct
>>> signs. If you are north of the equator, the
>>> latitude is positive, south is negative.
>>> East of Greenwich, England to roughly the
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>>> Thanks,
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>>>> system?
>>>> Station ID# 0400 TYNGS3
>>>
>>
>>
>> --
>> -steve
>>
>
>

1073. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-15 02:11:41 UTC
From: Steve Berl
Topic: 1041 Message: 1073

You can also look for other station. There are many others besides the 6 in the sample .cfg file. Check out the list at http://sidstation.loudet.org/stations-list-en.xhtml. See if any of the station frequencies match up with peaks in your real-time spectrum window from supersid.exe. Add them to the cfg, and let it run for a few days. If they look good, with the typical sunrise and sunset bumps, then keep it. If they don't take them out.

If you kill and restart supersid.exe (to get it to read a new supersid.cfg), you will lose all the data from 00:00 UTC to the time you restart. If you can arrange it, the best time to restart is just after midnight UTC. That results in the minimum data lose.

You can also look at the time series plots on your local machine with the "Plot" menu item in the supersid.exe. You don't have to wait for them to upload and then view in the web browser.

-steve

On Thu, Mar 14, 2013 at 6:48 PM, Deborah Scherrer <
dscherrer@....edu> wrote:

> **
>
>
> Actually, the data for 14 March starts at 02:22 GMT. So there are actual
> plots. The plot for NAA is quite good data. The rest (JJI,NLK,NWC,NPM)
> are just noise.
> You can either fuss with those, or delete them entirely and send in only
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>
> Debbie
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> data fields.
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>
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> one listing for today at all...
>
>
> Frank
>
> ----- Original Message -----
> *From:* Frank <skybug@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Thursday, March 14, 2013 8:26 PM
> *Subject:* Re: [Super_SID] Data uploading
>
>
>
> Was just thinking that and doing that now....
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> Frank
>
> ----- Original Message -----
> *From:* Steve Berl <steveberl@...>
> *To:* Super_SID@yahoogroups.com
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>> I also looked at the raw data run and only see some data from earlier, then
>> looks like nothing..
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>> Thank you
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>> Frank
>>
>>
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>> *To:* Super_SID@yahoogroups.com
>> *Sent:* Thursday, March 14, 2013 11:41 AM
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>>
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>> site?
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>> *Sent:* Wednesday, March 13, 2013 10:00 PM
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>> are north of the equator, the latitude is positive, south is negative. East
>> of Greenwich, England to roughly the international dateline is positive
>> longitude. West of Greenwich is negative.
>>
>> Thanks,
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>> On Wed, Mar 13, 2013 at 6:47 PM, Deborah Scherrer <
>> dscherrer@...> wrote:
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>> the config file. Is there a way to see if its actually uploading my data to
>> the system?
>> Station ID# 0400 TYNGS3
>>
>>

>>
>
> --
> -steve
>
>
>
>
>

--
-steve

1074. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-15 11:02:11 UTC
From: ericgibert@yahoo.fr
Topic: 1074 Message: 1074
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1075. Re: [Super_SID] Big Spike at 40kHz [1 Attachment]

Yahoo group: Super_SID
Date: 2013-03-15 15:04:47 UTC
From: WILLIAM & MELINDA LORD
Topic: 1056 Message: 1075

Hi Tulio,

Since the spike occurred during what appears to be daylight hours, it is most likely noise. The fluorescent lights in our workshop creates noise in the 40 kHz range.

This chart does not show a good sunrise/sunset signature (look at page 30 of the SuperSID manual). It is hard to know when you have detected a SID if you have this much noise.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Tulio <tuliobaars@...>
To: Super_SID@yahoogroups.com
Sent: Sunday, March 10, 2013 3:20 PM
Subject: [Super_SID] Big Spike at 40kHz [1 Attachment]

[Attachment(s) from Tulio included below]
Hello all,

These last days I managed to isolate a particular station, appearing constantly at 40kHz. According to http://sidstation.loudet.org/stations-list-en.xhtml, this is JJY-40, a Fukushima VLF station.

Analyzing the graphs for yesterday, 03/09/2013, I found a huge spike on JJY-40 chart. As it dropped really fast, as it started, I'm not taking it as a solar flare. What could cause this? I haven't moved the antenna, and the weather was pretty stable (a bit cloudy). Didn't notice anything other than usual, so this is kind of strange.

Thanks in advance

1076. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-15 15:22:24 UTC
From: Steve Berl
Topic: 1074 Message: 1076

Eric,

Do you have a good way to do the merging? Can you describe how you do it?

Steve

On Friday, March 15, 2013, ericgibert@... wrote:

> **
>
>
> ** You can save your data using the file menu before stopping your
> program. Then merge this file with later file in order to avoid losing data.
>
>
> Sent from my Android phone
>
> ----- Reply message -----
> From: "Steve Berl" <steveberl@...>
> To: <Super_SID@yahoogroups.com>
> Cc: "Frank" <skybug@...>
> Subject: [Super_SID] Data uploading
> Date: Fri, Mar 15, 2013 10:11
>
>
>
>
>
> You can also look for other station. There are many others besides the 6
> in the sample .cfg file. Check out the list at
> http://sidstation.loudet.org/stations-list-en.xhtml. See if any of the
> station frequencies match up with peaks in your real-time spectrum window
> from supersid.exe. Add them to the cfg, and let it run for a few days. If
> they look good, with the typical sunrise and sunset bumps, then keep it. If
> they don't take them out.
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> If you kill and restart supersid.exe (to get it to read a new
> supersid.cfg), you will lose all the data from 00:00 UTC to the time you
> restart. If you can arrange it, the best time to restart is just after
> midnight UTC. That results in the minimum data lose.
>
> You can also look at the time series plots on your local machine with the
> "Plot" menu item in the supersid.exe. You don't have to wait for them to
> upload and then view in the web browser.
>
> -steve
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> On Thu, Mar 14, 2013 at 6:48 PM, Deborah Scherrer <
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> *From:* Frank
> *To:* Super_SID@yahoogroups.com
> *Sent:* Thursday, March 14, 2013 8:26 PM
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>
>
>

> Was just thinking that and doing that now....
>
> Frank
>
>
>

--
-steve

1077. Re: [Super_SID] Data uploading/stations

Yahoo group: Super_SID
Date: 2013-03-15 15:29:57 UTC
From: Frank
Topic: 1041 Message: 1077

Hi Steve, I mahy just do that, as pointed out by Debbie, all but the NAA are showing noise yet on my screen, I have several peaks showing on the supersid amp ... hum.

Thanks for the info below, didn't know that and is good info to know when restarting...

Frank

----- Original Message -----
From: Steve Berl
To: Super_SID@yahoogroups.com
Cc: Frank
Sent: Thursday, March 14, 2013 10:11 PM
Subject: Re: [Super_SID] Data uploading

You can also look for other station. There are many others besides the 6 in the sample .cfg file. Check out the list at http://sidstation.loudet.org/stations-list-en.xhtml. See if any of the station frequencies match up with peaks in your real-time spectrum window from supersid.exe. Add them to the cfg, and let it run for a few days. If they look good, with the typical sunrise and sunset bumps, then keep it. If they don't take them out.

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Thank you

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----- Original Message -----
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To: Super_SID@yahoogroups.com
Sent: Thursday, March 14, 2013 11:41 AM
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----- Original Message -----
From: Frank
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:23 PM
Subject: Re: [Super_SID] Data uploading

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From: Steve Berl
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 13, 2013 10:00 PM
Subject: Re: [Super_SID] Data uploading

Frank, Also, the longitude for your station in the .cfg file should be -71.44, not 71.44, assuming you are actually in the eastern US.

Deborah, you might want to check that in your database also.

And maybe everyone else on this mailing list might check their cfg files to see if the longitude and latitude have the correct signs. If you are north of the equator, the latitude is positive, south is negative. East of Greenwich, England to roughly the international dateline is positive longitude. West of Greenwich is negative.

Thanks,

-steve

On Wed, Mar 13, 2013 at 6:47 PM, Deborah Scherrer <dscherrer@...> wrote:

Sure, I checked and your 1 data file is there and on display in the data browser!
Also, your Site is TYNGS3. Your MonitorID is 400 [not 0400]. Unfortunately
(long story), I have to set the stations you are monitoring by hand. I set
that to NAA. If you send in data from other transmitters, please let me know
and I'll update the database.

Deborah Scherrer

On 3/13/13 6:05 PM, Frank wrote:

Hello, after some work on my station, I turned on the upload data line in the config file. Is there a way to see if its actually uploading my data to the system?
Station ID# 0400 TYNGS3

--
-steve

--
-steve

1078. NPM transmitter dropout and time synchronization

Yahoo group: Super_SID
Date: 2013-03-15 17:55:23 UTC
From: Steve Berl
Topic: 1078 Message: 1078

Hi fellow SID monitors,

It appears from my supersid plots that on 2013-03-13 at 1800 UTC, the station NPM (21400 Hz) in Hawaii, went off the air for about 15 minutes.

At my site, CSSC, in Oakland, CA, the signal started to drop off at 2013-03-13 17:59:20, and gradually faded out over the course of a minute, bottoming out at 2013-03-13 18:00:20. Then at 2013-03-13 18:16:05 it starts to climb back up until 2013-03-13 18:16:55, when it returned to its original value.

This gives an opportunity to see a few things.

If your site is monitoring NPM, and you see a big dip in the signal at 1800-1815 on that day, then all is well.

If you see a big dip, but it is at a significantly different time, then either your computers clock is not set properly, or you have not restarted supersid.exe for a while and the known clock drift bug as accumulated a significant error. It might be time to make sure your system time of day clock is set correctly and then restart your software.

If you don't see a big dip, then you might want to check your supersid.cfg file to make sure that the station NPM is configured with the correct frequency (21400), that your antenna is still connected, etc. Or perhaps you have some source of local interference which is drowning out the signal from NPM.

--
-steve

1079. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-15 19:27:43 UTC
From: Frank
Topic: 1074 Message: 1079

That link below keeps going offline and back again, cannot access it most of the time, then its good for awhile...

Frank

----- Original Message -----
From: Steve Berl
To: Super_SID@yahoogroups.com
Cc: Frank
Sent: Friday, March 15, 2013 11:22 AM
Subject: Re: [Super_SID] Data uploading

Eric,

Do you have a good way to do the merging? Can you describe how you do it?

Steve

On Friday, March 15, 2013, ericgibert@yahoo.fr wrote:

You can save your data using the file menu before stopping your program. Then merge this file with later file in order to avoid losing data.

Sent from my Android phone

----- Reply message -----
From: "Steve Berl" <steveberl@...>
To: <Super_SID@yahoogroups.com>
Cc: "Frank" <skybug@...>
Subject: [Super_SID] Data uploading
Date: Fri, Mar 15, 2013 10:11

You can also look for other station. There are many others besides the 6 in the sample .cfg file. Check out the list at http://sidstation.loudet.org/stations-list-en.xhtml. See if any of the station frequencies match up with peaks in your real-time spectrum window from supersid.exe. Add them to the cfg, and let it run for a few days. If they look good, with the typical sunrise and sunset bumps, then keep it. If they don't take them out.

If you kill and restart supersid.exe (to get it to read a new supersid.cfg), you will lose all the data from 00:00 UTC to the time you restart. If you can arrange it, the best time to restart is just after midnight UTC. That results in the minimum data lose.

You can also look at the time series plots on your local machine with the "Plot" menu item in the supersid.exe. You don't have to wait for them to upload and then view in the web browser.

-steve

On Thu, Mar 14, 2013 at 6:48 PM, Deborah Scherrer <dscherrer@solar.stanford.edu> wrote:

Actually, the data for 14 March starts at 02:22 GMT. So there are actual
plots. The plot for NAA is quite good data. The rest (JJI,NLK,NWC,NPM) are just noise.
You can either fuss with those, or delete them entirely and send in only NAA.
Personally, we'd rather have 1 plot of good data than 5 plots of bad. ;-)

Debbie

On 3/14/13 6:40 PM, Deborah Scherrer wrote:

Frank, I looked at your data files. They all start with zeroes in the data fields.
It wasn't until around 22:25 that real data started showing up. Same for
all the files you've sent in. So this accounts for while your data are
"flatlined" until near the end.

I have no idea what would cause this, unless you only turned on your system
at 10:25 PM. ;-)

Debbie

On 3/14/13 5:29 PM, Frank wrote:

Its funny thou, it ran from 00:00 to 23:59 yesterday in the data and not one listing for today at all...

Frank

----- Original Message -----
From: Frank
To: Super_SID@yahoogroups.com
Sent: Thursday, March 14, 2013 8:26 PM
Subject: Re: [Super_SID] Data uploading

Was just thinking that and doing that now....

Frank

--
-steve

1080. [Super_SID] stations vs. signals

Yahoo group: Super_SID
Date: 2013-03-15 19:32:52 UTC
From: Frank
Topic: 1074 Message: 1080

None of the nice peaks I have line up with anything in them list other than the NAA one. But if I pull up spectrumlab, and line up them peaks, I have quite a few stations that line up.

Frank

----- Original Message -----
From: Frank
To: Super_SID@yahoogroups.com
Sent: Friday, March 15, 2013 3:27 PM
Subject: Re: [Super_SID] Data uploading

That link below keeps going offline and back again, cannot access it most of the time, then its good for awhile...

Frank

----- Original Message -----
From: Steve Berl
To: Super_SID@yahoogroups.com
Cc: Frank
Sent: Friday, March 15, 2013 11:22 AM
Subject: Re: [Super_SID] Data uploading

Eric,

Do you have a good way to do the merging? Can you describe how you do it?

Steve

On Friday, March 15, 2013, ericgibert@... wrote:

You can save your data using the file menu before stopping your program. Then merge this file with later file in order to avoid losing data.

Sent from my Android phone

----- Reply message -----
From: "Steve Berl" <steveberl@gmail.com>
To: <Super_SID@yahoogroups.com>
Cc: "Frank" <skybug@verizon.net>
Subject: [Super_SID] Data uploading
Date: Fri, Mar 15, 2013 10:11

You can also look for other station. There are many others besides the 6 in the sample .cfg file. Check out the list at http://sidstation.loudet.org/stations-list-en.xhtml. See if any of the station frequencies match up with peaks in your real-time spectrum window from supersid.exe. Add them to the cfg, and let it run for a few days. If they look good, with

the typical sunrise and sunset bumps, then keep it. If they don't take them out.

If you kill and restart supersid.exe (to get it to read a new supersid.cfg), you will lose all the data from 00:00 UTC to the time you restart. If you can arrange it, the best time to restart is just after midnight UTC. That results in the minimum data lose.

You can also look at the time series plots on your local machine with the "Plot" menu item in the supersid.exe. You don't have to wait for them to upload and then view in the web browser.

-steve

On Thu, Mar 14, 2013 at 6:48 PM, Deborah Scherrer <dscherrer@...> wrote:

Actually, the data for 14 March starts at 02:22 GMT. So there are actual
plots. The plot for NAA is quite good data. The rest (JJI,NLK,NWC,NPM) are just noise.
You can either fuss with those, or delete them entirely and send in only NAA.
Personally, we'd rather have 1 plot of good data than 5 plots of bad. ;-)

Debbie

On 3/14/13 6:40 PM, Deborah Scherrer wrote:

Frank, I looked at your data files. They all start with zeroes in the data fields.
It wasn't until around 22:25 that real data started showing up. Same for
all the files you've sent in. So this accounts for while your data are
"flatlined" until near the end.

I have no idea what would cause this, unless you only turned on your system
at 10:25 PM. ;-)

Debbie

On 3/14/13 5:29 PM, Frank wrote:

Its funny thou, it ran from 00:00 to 23:59 yesterday in the data and not one listing for today at all...

Frank

----- Original Message -----
From: Frank
To: Super_SID@yahoogroups.com
Sent: Thursday, March 14, 2013 8:26 PM
Subject: Re: [Super_SID] Data uploading

Was just thinking that and doing that now....

Frank

--
-steve

1081. Re: [Super_SID] Data uploading

Yahoo group: Super_SID
Date: 2013-03-15 19:54:36 UTC
From: WILLIAM & MELINDA LORD
Topic: 1074 Message: 1081

Try this link for VLF stations http://www.smeter.net/stations/vlf-stations.php

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Frank <skybug@...>
To: Super_SID@yahoogroups.com
Sent: Friday, March 15, 2013 2:27 PM
Subject: Re: [Super_SID] Data uploading

That link below keeps going offline and back again,
cannot access it most of the time, then its good for awhile...

Frank

----- Original Message -----
>From: Steve Berl
>To: Super_SID@yahoogroups.com
>Cc: Frank
>Sent: Friday, March 15, 2013 11:22 AM
>Subject: Re: [Super_SID] Data uploading
>
>
>Eric,
>
>
>Do you have a good way to do the merging? Can you describe how you do it?
>
>
>Steve
>
>On Friday, March 15, 2013, ericgibert@... wrote:
>
>
>>
>>You can save your data using the file menu before stopping your program. Then merge this file with later file in order to avoid losing data.
>>
>>
>>Sent from my Android phone
>>

>>
>>----- Reply message -----
>>From: "Steve Berl" <steveberl@...>
>>To: <Super_SID@yahoogroups.com>
>>Cc:
"Frank" <skybug@...>
>>Subject: [Super_SID] Data
uploading
>>Date: Fri, Mar 15, 2013
10:11
>>
>>
>>
>>You can also look for other station. There are many others besides the 6 in the sample .cfg file. Check out the list at http://sidstation.loudet.org/stations-list-en.xhtml. See if any of the station frequencies match up with peaks in your real-time spectrum window from supersid.exe. Add them to the cfg, and let it run for a few days. If they look good, with the typical sunrise and sunset bumps, then keep it. If they don't take them out.
>>
>>
>>If you kill and restart supersid.exe (to get it to read a new supersid.cfg), you will lose all the data from 00:00 UTC to the time you restart. If you can arrange it, the best time to restart is just after midnight UTC. That results in the minimum data lose.
>>
>>
>>You can also look at the time series plots on your local machine with the "Plot" menu item in the supersid.exe. You don't have to wait for them to upload and then view in the web browser.
>>
>>
>>-steve
>>
>>
>>On Thu, Mar 14, 2013 at 6:48 PM, Deborah Scherrer <dscherrer@...> wrote:
>>
>>
>>>
>>>Actually, the data for 14 March starts at 02:22 GMT. So there are actual
>>>plots. The plot for NAA is quite good data. The rest
(JJI,NLK,NWC,NPM) are just noise.
>>>You can either fuss with those, or
delete them entirely and send in only NAA.
>>>Personally, we'd rather have
1 plot of good data than 5 plots of bad. ;-)
>>>
>>>Debbie
>>>
>>>
>>>
>>>

>>>On 3/14/13 6:40 PM, Deborah Scherrer wrote:
>>>
>>>
>>>>Frank, I looked at your data files. They all start with zeroes in the data fields.
>>>>It wasn't until around 22:25 that real data
started showing up. Same for
>>>>all the files you've sent
in. So this accounts for while your data are
>>>>"flatlined" until
near the end.
>>>>
>>>>I have no idea what would cause this, unless you
only turned on your system
>>>>at 10:25 PM.
;-)
>>>>
>>>>Debbie
>>>>
>>>>
>>>>On 3/14/13 5:29 PM, Frank wrote:
>>>>
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>>>>>Its funny thou, it ran from 00:00 to 23:59 yesterday in the data and not one listing
for today at all...
>>>>>
>>>>>
>>>>>Frank
>>>>>
>>>>>----- Original Message -----
>>>>>>From: Frank
>>>>>>To: Super_SID@yahoogroups.com
>>>>>>Sent: Thursday, March 14, 2013 8:26 PM
>>>>>>Subject: Re: [Super_SID] Data uploading
>>>>>>
>>>>>>
>>>>>>Was just thinking that and doing that now....
>>>>>>
>>>>>>Frank
>>>>>>
>>>
>>--
>>-steve
>>

1082. Merging two SID files - simple script

Yahoo group: Super_SID
Date: 2013-03-16 02:33:52 UTC
From: Eric Gibert
Topic: 1082 Message: 1082

Here is a simple script which will merge two files by:

1) Files must be SID format in that simple version i.e. one file per station

2) Rename these saved files to avoid being overwritten later at 0:00UTC

3) Please save as filtered files as no calculation is performed on raw data

4) Script will keep the header of the first file

5) And sums the values of the data (like 'd1 d2 . dn 0 0 0 0 0 0 0 ' + '0 0 0 0 0 0 0 0 dy dy+1.dy+n' = 'd1 d2 .. dn 0 0 dy dy+1 dy+2..dy+n')

6) Script can work on Python 2.7, for Python3, simply remove the 'from __future__ line.

```
#!/usr/bin/env python

#-------------------------------------------------------------------------
----

# example: mergeSIDfiles.py DAISYSG_NWC_2012-10-07.csv
DAISYSG_NWC_2012-10-07.1047.csv

# - keep the header of only the first file

# - add the data lines of both files

#-------------------------------------------------------------------------
----

from __future__ import print_function

import sys

if len(sys.argv) != 3:

print ("""example: mergeSIDfiles SIDfile1 SIDfile2 > SIDfile_result

- keep the header of only the first file

- add the data lines of both files

""")

exit()

f1 = sys.argv[1]
```

```
f2 = sys.argv[2]

with open(f1,"rt") as fin1, open(f2,"rt") as fin2:

lines1 = fin1.readlines()

lines2 = fin2.readlines()

nLine = 0

for l1, l2 in zip(lines1, lines2):

# fin1 header written out

if l1[0] == "#":

print (l1.rstrip())

nLine += 1

else:

dt1, data1 = l1.rstrip().split(",")

dt2, data2 = l2.rstrip().split(",")

if dt1 != dt2:

print ("Error:", dt1, "is different from", dt2)

exit()

else:

print(dt1 + ", " + str(float(data1)+float(data2)))
```

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Steve Berl
Sent: Friday, March 15, 2013 11:22 PM
To: Super_SID@yahoogroups.com
Cc: Frank
Subject: Re: [Super_SID] Data uploading

Eric,

Do you have a good way to do the merging? Can you describe how you do it?

Steve

On Friday, March 15, 2013, ericgibert@... wrote:

You can save your data using the file menu before stopping your program.
Then merge this file with later file in order to avoid losing data.

Sent from my Android phone

----- Reply message -----
From: "Steve Berl" <steveberl@...>
To: <Super_SID@yahoogroups.com>
Cc: "Frank" <skybug@...>
Subject: [Super_SID] Data uploading
Date: Fri, Mar 15, 2013 10:11

You can also look for other station. There are many others besides the 6 in the sample .cfg file. Check out the list at http://sidstation.loudet.org/stations-list-en.xhtml. See if any of the station frequencies match up with peaks in your real-time spectrum window from supersid.exe. Add them to the cfg, and let it run for a few days. If they look good, with the typical sunrise and sunset bumps, then keep it. If they don't take them out.

If you kill and restart supersid.exe (to get it to read a new supersid.cfg), you will lose all the data from 00:00 UTC to the time you restart. If you can arrange it, the best time to restart is just after midnight UTC. That results in the minimum data lose.

You can also look at the time series plots on your local machine with the "Plot" menu item in the supersid.exe. You don't have to wait for them to upload and then view in the web browser.

-steve

On Thu, Mar 14, 2013 at 6:48 PM, Deborah Scherrer <dscherrer@...> wrote:

Actually, the data for 14 March starts at 02:22 GMT. So there are actual plots. The plot for NAA is quite good data. The rest (JJI,NLK,NWC,NPM) are just noise.
You can either fuss with those, or delete them entirely and send in only NAA.
Personally, we'd rather have 1 plot of good data than 5 plots of bad. ;-)

Debbie

On 3/14/13 6:40 PM, Deborah Scherrer wrote:

Frank, I looked at your data files. They all start with zeroes in the data fields.
It wasn't until around 22:25 that real data started showing up. Same for all the files you've sent in. So this accounts for while your data are "flatlined" until near the end.

I have no idea what would cause this, unless you only turned on your system at 10:25 PM. ;-)

Debbie

On 3/14/13 5:29 PM, Frank wrote:

Its funny thou, it ran from 00:00 to 23:59 yesterday in the data and not one listing for today at all...

Frank

----- Original Message -----

From: Frank

To: Super_SID@yahoogroups.com

Sent: Thursday, March 14, 2013 8:26 PM

Subject: Re: [Super_SID] Data uploading

Was just thinking that and doing that now....

Frank

--
-steve

1083. RE: [Super_SID] Merging two SID files - simple script

Yahoo group: Super_SID
Date: 2013-03-16 06:42:29 UTC
From: Eric Gibert
Topic: 1082 Message: 1083
Attachments: 1 described; binary payloads are missing from this source WARC

A more complex script is attached. It can "explode" one SuperSID file in n SID files or merge 2 files:

- When one file is given as argument:

- file is SID Format: DISPLAY some information - good for debugging

- file is SuperSID format: EXPLODE to one file per station in SID format

- When two files are given as arguments:

- both files are SID Format: MERGE in one SID Format

- one file is SuperSID and one is SID: MERGE the SID file with the matching station from SuperSId file

- both are SuperSID: MERGE in one SuperSID with station to station matching

Please feedback if you detect some errors.

Eric

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Eric Gibert
Sent: Saturday, March 16, 2013 10:34 AM
To: Super_SID@yahoogroups.com
Cc: 'Frank'
Subject: [Super_SID] Merging two SID files - simple script

Here is a simple script which will merge two files by:

1) Files must be SID format in that simple version i.e. one file per station

2) Rename these saved files to avoid being overwritten later at 0:00UTC

3) Please save as filtered files as no calculation is performed on raw data

4) Script will keep the header of the first file

5) And sums the values of the data (like 'd1 d2 . dn 0 0 0 0 0 0 0 ' + '0 0 0 0 0 0 0 0 dy dy+1.dy+n' = 'd1 d2 .. dn 0 0 dy dy+1 dy+2..dy+n')

6) Script can work on Python 2.7, for Python3, simply remove the 'from __future__ line.

```
#!/usr/bin/env python

#--------------------------------------------------------------------------
----

# example: mergeSIDfiles.py DAISYSG_NWC_2012-10-07.csv
DAISYSG_NWC_2012-10-07.1047.csv

# - keep the header of only the first file

# - add the data lines of both files

#--------------------------------------------------------------------------
----

from __future__ import print_function

import sys

if len(sys.argv) != 3:

print ("""example: mergeSIDfiles SIDfile1 SIDfile2 > SIDfile_result

- keep the header of only the first file

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""")

exit()

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f2 = sys.argv[2]

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lines2 = fin2.readlines()

nLine = 0

for l1, l2 in zip(lines1, lines2):

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if l1[0] == "#":

print (l1.rstrip())

nLine += 1

else:

dt1, data1 = l1.rstrip().split(",")

dt2, data2 = l2.rstrip().split(",")
```

```
if dt1 != dt2:

print ("Error:", dt1, "is different from", dt2)

exit()

else:

print(dt1 + ", " + str(float(data1)+float(data2)))
```

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Steve Berl
Sent: Friday, March 15, 2013 11:22 PM
To: Super_SID@yahoogroups.com
Cc: Frank
Subject: Re: [Super_SID] Data uploading

Eric,

Do you have a good way to do the merging? Can you describe how you do it?

Steve

On Friday, March 15, 2013, ericgibert@... wrote:

You can save your data using the file menu before stopping your program. Then merge this file with later file in order to avoid losing data.

Sent from my Android phone

----- Reply message -----
From: "Steve Berl" <steveberl@...>
To: <Super_SID@yahoogroups.com>
Cc: "Frank" <skybug@...>
Subject: [Super_SID] Data uploading
Date: Fri, Mar 15, 2013 10:11

You can also look for other station. There are many others besides the 6 in the sample .cfg file. Check out the list at http://sidstation.loudet.org/stations-list-en.xhtml. See if any of the station frequencies match up with peaks in your real-time spectrum window from supersid.exe. Add them to the cfg, and let it run for a few days. If they look good, with the typical sunrise and sunset bumps, then keep it. If they don't take them out.

If you kill and restart supersid.exe (to get it to read a new supersid.cfg), you will lose all the data from 00:00 UTC to the time you restart. If you can arrange it, the best time to restart is just after midnight UTC. That results in the minimum data lose.

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-steve

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You can either fuss with those, or delete them entirely and send in only NAA.
Personally, we'd rather have 1 plot of good data than 5 plots of bad. ;-)

Debbie

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Frank, I looked at your data files. They all start with zeroes in the data fields.
It wasn't until around 22:25 that real data started showing up. Same for all the files you've sent in. So this accounts for while your data are "flatlined" until near the end.

I have no idea what would cause this, unless you only turned on your system at 10:25 PM. ;-)

Debbie

On 3/14/13 5:29 PM, Frank wrote:

Its funny thou, it ran from 00:00 to 23:59 yesterday in the data and not one listing for today at all...

Frank

----- Original Message -----

From: Frank

To: Super_SID@yahoogroups.com

Sent: Thursday, March 14, 2013 8:26 PM

Subject: Re: [Super_SID] Data uploading

Was just thinking that and doing that now....

Frank

--
-steve

1084. [Super_SID] database info

Yahoo group: Super_SID
Date: 2013-03-17 14:17:46 UTC
From: Frank
Topic: 1082 Message: 1084

Hello, Now that I have this up and running, I notice that some area are listing a location. Hows does that get filled in,manually from someone overseeing the data there or something in our config file. Its nice knowing where these stations are located for comparison of other stations data to our own. Like mine is located in the USA, but is blank, just my Site ID, but no one knows where in the world this is, but I see others listing their country... Just wondering...
Thanks

Frank

1085. Re: [Super_SID] database info

Yahoo group: Super_SID
Date: 2013-03-17 16:34:07 UTC
From: Deborah Scherrer
Topic: 1082 Message: 1085

Yep, that is done manually, by me. When a new SuperSID site/monitor is detected,
I receive notification. Then I go to the data files to determine the various
transmitters being monitored. If I can determine the country, I also add that.
But most times I cannot.

Debbie

On 3/17/13 7:17 AM, Frank wrote:
>
> Hello, Now that I have this up and running, I notice that some area
> are listing a location. Hows does that get filled in,manually from
> someone overseeing the data there or something in our config file.
> Its nice knowing where these stations are located for comparison of
> other stations data to our own. Like mine is located in the USA, but
> is blank, just my Site ID, but no one knows where in the world this
> is, but I see others listing their country...
> Just wondering...
> Thanks
> Frank
>

1086. Fwd: technical question regarding HD-soundcards

Yahoo group: Super_SID
Date: 2013-03-17 16:40:08 UTC
From: Deborah Scherrer
Topic: 1086 Message: 1086
Attachments: 2 described; binary payloads are missing from this source WARC

Could someone help out this guy?

Thanks!
Debbie

-------- Original Message --------
Subject: technical question regarding HD-soundcards
Date: Thu, 21 Feb 2013 21:36:33 +0100
From: nwuensche@...
To: sid@...

Hi!
On your web-site you wrote, a "HD sound card" is recommended. One could monitor frequencies up to 48kHz.
Fortunately, I have a HD sound card on board of my PC. But it seems, that the sensity drops dramaticly above 22kHz towards zero.
The ADC seems to work with 96kHz; but it's a SOUNDcard... Apparently, there is a filter that
cuts high frequencies above one actually can hear.

To illustrate the problem, I attached a screen-shot of a waterfall-spectograph (Spectrum Lab). You can see that even the noise floor drops above 22kHz. The highest frequency received is 24.6kHz.

Did you really check, if some sound-cards can receive frequencies up to 48kHz (or with 192-kHz-ADC up to 96kHz)?
It would be very interestiong for me - because I would like to try SID monitoring too.

Thanks for your support in advance!
Niko Wuensche
Biesenthal, Germany

1087. Re: [Super_SID] database info

Yahoo group: Super_SID
Date: 2013-03-17 16:50:48 UTC
From: Frank
Topic: 1082 Message: 1087

Ok, understood. Perhaps in the config file a location "meaning counrty" could be added so that you would know and would make the database more interesting for all. There is a awful lot of sites listed that ya, perhaps reading the ID might give a clue, but like mine, at which is the start of my towns name and used for other uploaded data from other programs to make it simple on my end, but a line in the code to indicate Country I think would be very helpful.
Mine is USA by the way... :)

Thanks Debbie !

Frank

----- Original Message -----
From: Deborah Scherrer
To: Super_SID@yahoogroups.com
Cc: Frank
Sent: Sunday, March 17, 2013 12:34 PM
Subject: Re: [Super_SID] database info

Yep, that is done manually, by me. When a new SuperSID site/monitor is detected,
I receive notification. Then I go to the data files to determine the various
transmitters being monitored. If I can determine the country, I also add that.
But most times I cannot.

Debbie

On 3/17/13 7:17 AM, Frank wrote:

Hello, Now that I have this up and running, I notice that some area are listing a location. Hows does that get filled in,manually from someone overseeing the data there or something in our config file. Its nice knowing where these stations are located for comparison of other stations data to our own. Like mine is located in the USA, but is blank, just my Site ID, but no one knows where in the world this is, but I see others listing their country... Just wondering...
Thanks

Frank

1088. Re: [Super_SID] Fwd: technical question regarding HD-soundcards [2 Attachments]

Yahoo group: Super_SID
Date: 2013-03-17 16:53:44 UTC
From: WILLIAM & MELINDA LORD
Topic: 1086 Message: 1088

Hi Niko,

You can definitely use the 96 kHz sound cards to monitor stations up to 48 kHz. We recommend using the "line-in" since the "mic in" sometimes filters the signal out.

Depending on the system, you have to go into the sound card settings to tell it to record/sample at 96 kHz (or even 192 kHz if you have it.)

To our knowledge, NO windows operating system will allow you to use more than one sound card at a time.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Deborah Scherrer <dscherrer@solar.stanford.edu>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Sunday, March 17, 2013 11:40 AM
Subject: [Super_SID] Fwd: technical question regarding HD-soundcards [2 Attachments]

[Attachment(s) from Deborah Scherrer included below]
Could someone help out this guy?

Thanks!
Debbie

-------- Original Message --------
Subject: technical question regarding HD-soundcards
Date: Thu, 21 Feb 2013 21:36:33 +0100
From: nwuensche@...
To: sid@...

Hi!
On your web-site you wrote, a "HD sound card" is recommended. One could monitor frequencies up to 48kHz.
Fortunately, I have a HD sound card on board of my PC. But it seems, that the sensity drops dramaticly above 22kHz towards zero.
The ADC seems to work with 96kHz; but it's a SOUNDcard... Apparently, there is a filter that
cuts high frequencies above one actually can hear. To illustrate the problem, I attached a screen-shot of a waterfall-spectograph (Spectrum
Lab). You can see that even the noise floor drops above 22kHz. The highest frequency

received is 24.6kHz. Did you really check, if some sound-cards can receive frequencies up to 48kHz (or with 192-
kHz-ADC up to 96kHz)?
It would be very interestiong for me - because I would like to try SID monitoring too.
Thanks for your support in advance!
Niko Wuensche
Biesenthal, Germany

1089. VLF 7046.88Hz noise generated of the inverter drive board

Yahoo group: Super_SID
Date: 2013-03-17 17:11:07 UTC
From: Liu zhenzhong
Topic: 1089 Message: 1089
Attachments: 2 described; binary payloads are missing from this source WARC

VLF 7046.88Hz noise generated of the inverter drive board.

Look out "3525 driver board" (inverter drive board) 7KHZ-42KHZ (adjustable), VLF noise generated 7046.88HZ (screenshot).

Liu zhenzhong
Guangzhou china

1090. Re: [Super_SID] Fwd: technical question regarding HD-soundcards [2 Attachments]

Yahoo group: Super_SID
Date: 2013-03-17 17:56:16 UTC
From: Steve Kristoff
Topic: 1086 Message: 1090

I had a similar problem with a big dropoff in signal strength around 24 kHz or so. I bought an outboard usb soundcard. I did have to install the included control program so I could set the sampling rate to 96 kHz. The combination of the new card and the included software did fix the higher freq dropoff problem. (I still have other issues with the superSID, but the dropoff at 24 kHz is fixed.)

Steve Kristoff

_____ Information from ESET Smart Security, version of virus signature database 8125 (20130317) _____

The message was checked by ESET Smart Security.

http://www.eset.com

1091. Re: [Super_SID] Merging two SID files - simple script [1 Attachment]

Yahoo group: Super_SID
Date: 2013-03-17 18:20:49 UTC
From: Steve Berl
Topic: 1082 Message: 1091

Hi Eric,

I'm working with the SuperSID folks to validate and correct some data in
their database, and the siteID DAISYSG is missing from the data.

Is the DAISYSG siteID yours? Is the latitude and longitude correct? It
seems to be in Singapore, which is where I think is right.

https://maps.google.com/maps?q=1.367,103.8&hl=en&ll=1.366982,103.800201&spn=0.449624,0.497818&sll=37.758475,-122.235328&sspn=0.355574,0.497818&t=m&z=11

Also, if it is, can you send the serial number from your SuperSID monitor?

-steve

P.S. Have you heard from Jaap recently? Any more progress on the remote
data access. I have some thoughts on that I will send in another email.

On Fri, Mar 15, 2013 at 11:42 PM, Eric Gibert <ericgibert@...> wrote:

> **
>
> [Attachment(s) <#13d71ef60439fd7e_TopText> from Eric Gibert included
> below]
>
> A more complex script is attached. It can “explode” one SuperSID file in n
> SID files or merge 2 files:****
>
> ** **
>
> - When one file is given as argument:****
>
> - file is SID Format: DISPLAY some information - good for debugging
> ****
>
> - file is SuperSID format: EXPLODE to one file per station in SID
> format****
>
> - When two files are given as arguments:****
>
> - both files are SID Format: MERGE in one SID Format****
>
> - one file is SuperSID and one is SID: MERGE the SID file with the
> matching station from SuperSId file****
>
> - both are SuperSID: MERGE in one SuperSID with station to station
> matching****

>
> ** **
>
> Please feedback if you detect some errors.****
>
> ** **
>
> Eric****
>
> ** **
>
> ** **
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] *On
> Behalf Of *Eric Gibert
> *Sent:* Saturday, March 16, 2013 10:34 AM
> *To:* Super_SID@yahoogroups.com
> *Cc:* 'Frank'
> *Subject:* [Super_SID] Merging two SID files - simple script****
>
> ** **
>
> ****
>
> Here is a *simple* script which will merge two files by:****
>
> 1) Files must be SID format in that simple version i.e. one file per
> station****
>
> 2) Rename these saved files to avoid being overwritten later at
> 0:00UTC****
>
> 3) Please save as filtered files as no calculation is performed on
> raw data****
>
> 4) Script will keep the header of the first file****
>
> 5) And sums the values of the data (like ‘d1 d2 … dn 0 0 0 0 0 0 0
> ‘ + ‘0 0 0 0 0 0 0 0 dy dy+1…dy+n’ = ‘d1 d2 .. dn 0 0 dy dy+1 dy+2….dy+n’)
> ****
>
> 6) Script can work on Python 2.7, for Python3, simply remove the
> ‘from __future__ line.****
>
> ****
>
> ****
>
> ****
>

```
> #!/usr/bin/env python****
>
>
> #-------------------------------------------------------------------------------
> ****
>
> # example: mergeSIDfiles.py DAISYSG_NWC_2012-10-07.csv
> DAISYSG_NWC_2012-10-07.1047.csv****
>
> # - keep the header of only the first file****
>
> # - add the data lines of both files****
>
>
> #-------------------------------------------------------------------------------
> ****
>
> from __future__ import print_function****
>
> import sys****
>
> ****
>
> if len(sys.argv) != 3:****
>
> print ("""example: mergeSIDfiles SIDfile1 SIDfile2 > SIDfile_result***
> *
>
> - keep the header of only the first file****
>
> - add the data lines of both files****
>
> """)****
>
> exit()****
>
> ****
>
> f1 = sys.argv[1]****
>
> f2 = sys.argv[2]****
>
> ****
>
> with open(f1,"rt") as fin1, open(f2,"rt") as fin2:****
>
> lines1 = fin1.readlines()****
>
> lines2 = fin2.readlines()****
>
```

> nLine = 0****
>
> for l1, l2 in zip(lines1, lines2):****
>
> # fin1 header written out****
>
> if l1[0] == "#":****
>
> print (l1.rstrip())****
>
> nLine += 1****
>
> else:****
>
> dt1, data1 = l1.rstrip().split(",")****
>
> dt2, data2 = l2.rstrip().split(",")****
>
> if dt1 != dt2:****
>
> print ("Error:", dt1, "is different from", dt2)****
>
> exit()****
>
> else:****
>
> print(dt1 + ", " + str(float(data1)+float(data2)))****
>
> ****
>
> ****
>
> ****
>
> ****
>
> *From:* Super_SID@yahoogroups.com
[mailto:Super_SID@yahoogroups.com<Super_SID@yahoogroups.com>]
> *On Behalf Of *Steve Berl
> *Sent:* Friday, March 15, 2013 11:22 PM
> *To:* Super_SID@yahoogroups.com
> *Cc:* Frank
> *Subject:* Re: [Super_SID] Data uploading****
>
> ****
>
> ****
>
> Eric,****
>

> ****
>
> Do you have a good way to do the merging? Can you describe how you do it?*
> ***
>
> ****
>
> Steve
>
> On Friday, March 15, 2013, ericgibert@... wrote:****
>
> ****
>
> You can save your data using the file menu before stopping your program.
> Then merge this file with later file in order to avoid losing data.
>
>
> Sent from my Android phone****
>
> ----- Reply message -----
> From: "Steve Berl" <steveberl@...>
> To: <Super_SID@yahoogroups.com>
> Cc: "Frank" <skybug@...>
> Subject: [Super_SID] Data uploading
> Date: Fri, Mar 15, 2013 10:11****
>
>
> ****
>
> You can also look for other station. There are many others besides the 6
> in the sample .cfg file. Check out the list at
> http://sidstation.loudet.org/stations-list-en.xhtml. See if any of the
> station frequencies match up with peaks in your real-time spectrum window
> from supersid.exe. Add them to the cfg, and let it run for a few days. If
> they look good, with the typical sunrise and sunset bumps, then keep it. If
> they don't take them out.****
>
> ****
>
> If you kill and restart supersid.exe (to get it to read a new
> supersid.cfg), you will lose all the data from 00:00 UTC to the time you
> restart. If you can arrange it, the best time to restart is just after
> midnight UTC. That results in the minimum data lose.****
>
> ****
>
> You can also look at the time series plots on your local machine with the
> "Plot" menu item in the supersid.exe. You don't have to wait for them to
> upload and then view in the web browser.****
>

> ****
>
> -steve****
>
> On Thu, Mar 14, 2013 at 6:48 PM, Deborah Scherrer <
> dscherrer@...> wrote:****
>
> ****
>
> Actually, the data for 14 March starts at 02:22 GMT. So there are actual
> plots. The plot for NAA is quite good data. The rest (JJI,NLK,NWC,NPM)
> are just noise.
> You can either fuss with those, or delete them entirely and send in only
> NAA.
> Personally, we'd rather have 1 plot of good data than 5 plots of bad. ;-)
>
> Debbie****
>
>
>
>
> ****
>
> On 3/14/13 6:40 PM, Deborah Scherrer wrote:****
>
> ****
>
> Frank, I looked at your data files. They all start with zeroes in the
> data fields.
> It wasn't until around 22:25 that real data started showing up. Same for
> all the files you've sent in. So this accounts for while your data are
> "flatlined" until near the end.
>
> I have no idea what would cause this, unless you only turned on your system
> at 10:25 PM. ;-)
>
> Debbie****
>
> On 3/14/13 5:29 PM, Frank wrote:****
>
> ****
>
> Its funny thou, it ran from 00:00 to 23:59 yesterday in the data and not
> one listing for today at all...****
>
> ****
>
> ****
>
> Frank****

>
> ----- Original Message ----- ****
>
> *From:* Frank ****
>
> *To:* Super_SID@yahoogroups.com ****
>
> *Sent:* Thursday, March 14, 2013 8:26 PM****
>
> *Subject:* Re: [Super_SID] Data uploading****
>
> ****
>
> ****
>
> Was just thinking that and doing that now....****
>
> ****
>
> Frank****
>
>
>
> --
> -steve****
>
> ****
>
>
>

--
-steve

1092. Re: [Super_SID] Merging two SID files - simple script [1 Attachment]

Yahoo group: Super_SID
Date: 2013-03-17 18:21:45 UTC
From: Steve Berl
Topic: 1082 Message: 1092

Sorry everyone. Meant this to go just to Eric. Please ignore.

-steve

On Sun, Mar 17, 2013 at 11:20 AM, Steve Berl <steveberl@...> wrote:

> Hi Eric,
>
> I'm working with the SuperSID folks to validate and correct some data in
> their database, and the siteID DAISYSG is missing from the data.
>
> Is the DAISYSG siteID yours? Is the latitude and longitude correct? It
> seems to be in Singapore, which is where I think is right.
>
>
> https://maps.google.com/maps?q=1.367,103.8&hl=en&ll=1.366982,103.800201&spn=0.449624,0.4
97818&sll=37.758475,-122.235328&sspn=0.355574,0.497818&t=m&z=11
>
> Also, if it is, can you send the serial number from your SuperSID monitor?
>
> -steve
>
> P.S. Have you heard from Jaap recently? Any more progress on the remote
> data access. I have some thoughts on that I will send in another email.
>
>
> On Fri, Mar 15, 2013 at 11:42 PM, Eric Gibert <ericgibert@...> wrote:
>
>> **
>>
>> [Attachment(s) <#13d799522ac08a51_13d71ef60439fd7e_TopText> from Eric
>> Gibert included below]
>>
>> A more complex script is attached. It can “explode” one SuperSID file in
>> n SID files or merge 2 files:****
>>
>> ** **
>>
>> - When one file is given as argument:****
>>
>> - file is SID Format: DISPLAY some information - good for debugging
>> ****
>>
>> - file is SuperSID format: EXPLODE to one file per station in SID
>> format****
>>

>> - When two files are given as arguments:****
>>
>> - both files are SID Format: MERGE in one SID Format****
>>
>> - one file is SuperSID and one is SID: MERGE the SID file with the
>> matching station from SuperSId file****
>>
>> - both are SuperSID: MERGE in one SuperSID with station to station
>> matching****
>>
>> ** **
>>
>> Please feedback if you detect some errors.****
>>
>> ** **
>>
>> Eric****
>>
>> ** **
>>
>> ** **
>>
>> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] *On
>> Behalf Of *Eric Gibert
>> *Sent:* Saturday, March 16, 2013 10:34 AM
>> *To:* Super_SID@yahoogroups.com
>> *Cc:* 'Frank'
>> *Subject:* [Super_SID] Merging two SID files - simple script****
>>
>> ** **
>>
>> ****
>>
>> Here is a *simple* script which will merge two files by:****
>>
>> 1) Files must be SID format in that simple version i.e. one file
>> per station****
>>
>> 2) Rename these saved files to avoid being overwritten later at
>> 0:00UTC****
>>
>> 3) Please save as filtered files as no calculation is performed on
>> raw data****
>>
>> 4) Script will keep the header of the first file****
>>
>> 5) And sums the values of the data (like ‘d1 d2 … dn 0 0 0 0 0 0 0
>> ‘ + ‘0 0 0 0 0 0 0 0 dy dy+1…dy+n’ = ‘d1 d2 .. dn 0 0 dy dy+1 dy+2….dy+n’)
>> ****
>>

>> 6) Script can work on Python 2.7, for Python3, simply remove the
>> ‘from __future__ line.****
>>
>> ****
>>
>> ****
>>
>> ****
>>
>> #!/usr/bin/env python****
>>
>>
>> #--
>> ****
>>
>> # example: mergeSIDfiles.py DAISYSG_NWC_2012-10-07.csv
>> DAISYSG_NWC_2012-10-07.1047.csv****
>>
>> # - keep the header of only the first file****
>>
>> # - add the data lines of both files****
>>
>>
>> #--
>> ****
>>
>> from __future__ import print_function****
>>
>> import sys****
>>
>> ****
>>
>> if len(sys.argv) != 3:****
>>
>> print ("""example: mergeSIDfiles SIDfile1 SIDfile2 > SIDfile_result**
>> **
>>
>> - keep the header of only the first file****
>>
>> - add the data lines of both files****
>>
>> """)****
>>
>> exit()****
>>
>> ****
>>
>> f1 = sys.argv[1]****
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>> f2 = sys.argv[2]****

>>
>> ****
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>> with open(f1,"rt") as fin1, open(f2,"rt") as fin2:****
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>> lines2 = fin2.readlines()****
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>> nLine = 0****
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>> print ("Error:", dt1, "is different from", dt2)****
>>
>> exit()****
>>
>> else:****
>>
>> print(dt1 + ", " + str(float(data1)+float(data2)))****
>>
>> ****
>>
>> ****
>>
>> ****
>>
>> ****
>>
>> *From:* Super_SID@yahoogroups.com
[mailto:Super_SID@yahoogroups.com<Super_SID@yahoogroups.com>]
>> *On Behalf Of *Steve Berl
>> *Sent:* Friday, March 15, 2013 11:22 PM
>> *To:* Super_SID@yahoogroups.com

>> *Cc:* Frank
>> *Subject:* Re: [Super_SID] Data uploading****
>>
>> ****
>>
>> ****
>>
>> Eric,****
>>
>> ****
>>
>> Do you have a good way to do the merging? Can you describe how you do it?
>> ****
>>
>> ****
>>
>> Steve
>>
>> On Friday, March 15, 2013, ericgibert@... wrote:****
>>
>> ****
>>
>> You can save your data using the file menu before stopping your program.
>> Then merge this file with later file in order to avoid losing data.
>>
>>
>> Sent from my Android phone****
>>
>> ----- Reply message -----
>> From: "Steve Berl" <steveberl@...>
>> To: <Super_SID@yahoogroups.com>
>> Cc: "Frank" <skybug@...>
>> Subject: [Super_SID] Data uploading
>> Date: Fri, Mar 15, 2013 10:11****
>>
>>
>> ****
>>
>> You can also look for other station. There are many others besides the 6
>> in the sample .cfg file. Check out the list at
>> http://sidstation.loudet.org/stations-list-en.xhtml. See if any of the
>> station frequencies match up with peaks in your real-time spectrum window
>> from supersid.exe. Add them to the cfg, and let it run for a few days. If
>> they look good, with the typical sunrise and sunset bumps, then keep it. If
>> they don't take them out.****
>>
>> ****
>>
>> If you kill and restart supersid.exe (to get it to read a new
>> supersid.cfg), you will lose all the data from 00:00 UTC to the time you

>> restart. If you can arrange it, the best time to restart is just after
>> midnight UTC. That results in the minimum data lose.****
>>
>> ****
>>
>> You can also look at the time series plots on your local machine with the
>> "Plot" menu item in the supersid.exe. You don't have to wait for them to
>> upload and then view in the web browser.****
>>
>> ****
>>
>> -steve****
>>
>> On Thu, Mar 14, 2013 at 6:48 PM, Deborah Scherrer <
>> dscherrer@...> wrote:****
>>
>> ****
>>
>> Actually, the data for 14 March starts at 02:22 GMT. So there are actual
>> plots. The plot for NAA is quite good data. The rest (JJI,NLK,NWC,NPM)
>> are just noise.
>> You can either fuss with those, or delete them entirely and send in only
>> NAA.
>> Personally, we'd rather have 1 plot of good data than 5 plots of bad. ;-)
>>
>> Debbie****
>>
>>
>>
>>
>> ****
>>
>> On 3/14/13 6:40 PM, Deborah Scherrer wrote:****
>>
>> ****
>>
>> Frank, I looked at your data files. They all start with zeroes in the
>> data fields.
>> It wasn't until around 22:25 that real data started showing up. Same for
>> all the files you've sent in. So this accounts for while your data are
>> "flatlined" until near the end.
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>> I have no idea what would cause this, unless you only turned on your
>> system
>> at 10:25 PM. ;-)
>>
>> Debbie****
>>
>> On 3/14/13 5:29 PM, Frank wrote:****
>>

>> ****
>>
>> Its funny thou, it ran from 00:00 to 23:59 yesterday in the data and not
>> one listing for today at all...****
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>> ****
>>
>> ****
>>
>> Frank****
>>
>> ----- Original Message ----- ****
>>
>> *From:* Frank ****
>>
>> *To:* Super_SID@yahoogroups.com ****
>>
>> *Sent:* Thursday, March 14, 2013 8:26 PM****
>>
>> *Subject:* Re: [Super_SID] Data uploading****
>>
>> ****
>>
>> ****
>>
>> Was just thinking that and doing that now....****
>>
>> ****
>>
>> Frank****
>>
>>
>>
>> --
>> -steve****
>>
>> ****
>>
>>
>>
>
>
>
> --
> -steve
>

--
-steve

1093. Re: [Super_SID] Fwd: technical question regarding HD-soundcards

Yahoo group: Super_SID
Date: 2013-03-17 18:30:10 UTC
From: Marcus D. Leech
Topic: 1086 Message: 1093

> Hi Niko,
>
> You can definitely use the 96 kHz sound cards to monitor stations up
> to 48 kHz. We recommend using the "line-in" since the "mic in"
> sometimes filters the signal out.
>
> Depending on the system, you have to go into the sound card settings
> to tell it to record/sample at 96 kHz (or even 192 kHz if you have it.)
>
> To our knowledge, NO windows operating system will allow you to use
> more than one sound card at a time.
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ---
> *From:* Deborah Scherrer <dscherrer@...>
> *To:* "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
> *Sent:* Sunday, March 17, 2013 11:40 AM
> *Subject:* [Super_SID] Fwd: technical question regarding HD-soundcards
> [2 Attachments]
>
> Could someone help out this guy?
>
> Thanks!
> Debbie
>
>
> -------- Original Message --------
> Subject: technical question regarding HD-soundcards
> Date: Thu, 21 Feb 2013 21:36:33 +0100
> From: nwuensche@... <mailto:nwuensche@...>
> To: sid@... <mailto:sid@...>
>
>
>
> Hi!
> On your web-site you wrote, a "HD sound card" is recommended. One could monitor
> frequencies up to 48kHz.
> Fortunately, I have a HD sound card on board of my PC. But it seems, that the sensity
drops
> dramaticly above 22kHz towards zero.

> The ADC seems to work with 96kHz; but it's a SOUNDcard... Apparently, there is a filter
that
> cuts high frequencies above one actually can hear.
>
> To illustrate the problem, I attached a screen-shot of a waterfall-spectograph (Spectrum
> Lab). You can see that even the noise floor drops above 22kHz. The highest frequency
> received is 24.6kHz.
>
> Did you really check, if some sound-cards can receive frequencies up to 48kHz (or with
192-
> kHz-ADC up to 96kHz)?
> It would be very interestiong for me - because I would like to try SID monitoring too.
>
> Thanks for your support in advance!
> Niko Wuensche
> Biesenthal, Germany
>
>
>
>
>
> __._,
I use an external Sound Subsystem USB, based, and it's 96kHz. I can
easily "see" out to above 45kHz. My system has been out all winter due to
ice damage to my antenna, but I'll be back on the air this spring.

>
>

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

1094. Fwd: SID observations

Yahoo group: Super_SID
Date: 2013-03-20 15:55:58 UTC
From: Deborah Scherrer
Topic: 1094 Message: 1094
Attachments: 1 described; binary payloads are missing from this source WARC

Anyone want to handle this?

Debbie

-------- Original Message --------
Subject: SID observations
Date: Wed, 20 Mar 2013 00:28:07 -0700 (PDT)
From: Kamran Mukhtar <kamran.mukhtar@...>
Reply-To: Kamran Mukhtar <kamran.mukhtar@...>
To: dscherrer@... <dscherrer@...>

Dear Deborah,

Attached herewith is SID monitor observations installed in Karachi,
Pakistan. Your kind response over it is desired. One thing I want to ask
you that many times I click on spikes of curve but it did never shows
any station name, is that fault of software ?

regards,

Kamran Mukhtar
Asst. Manager
Space Weather Monitoring Division
SUPARCO, Karachi

From: Deborah Scherrer <dscherrer@...>
To: Kamran Mukhtar <kamran.mukhtar@...>
Sent: Thursday, February 21, 2013 1:19 AM
Subject: Re: thanks

Currently I don't know of any similar instruments to AWESOME. But if
something
comes up, I will certainly let you know!

Deborah

On 2/20/13 12:16 PM, Kamran Mukhtar wrote:
>
> Thank you so much for your instant reply you really have solved my
> problem as I just was searching its price from last three hours...And
> I have got reply from them that is the same as you told. But you
> please let me know if there is any other instrument like AWESOME which
> may be helpful for space weather monitoring and education.
> regards,
>

> Kamran Mukhtar
> Asst. Manager
> Space Weather Monitoring Division
> SUPARCO, Karachi
>
> ---
> *From:* Deborah Scherrer <dscherrer@...>
> <mailto:dscherrer@...>
> *To:* Kamran Mukhtar <kamran.mukhtar@...>
> <mailto:kamran.mukhtar@...>
> *Sent:* Thursday, February 21, 2013 1:04 AM
> *Subject:* Re: purchase of AWESOME
>
> Hi Kamran,
>
> I forwarded your note along to the folks involved with the AWESOME
> project. I believe
> they are no longer building systems, but they should be contacting you
> directly.
>
> Also, we're glad to here you've got the SID monitor installed!
>
> Deborah
>
> On 2/20/13 11:51 AM, Kamran Mukhtar wrote:
>>
>> Hi,
>> I am Kamran from Pakistan and met you there in ISWI school. I have
>> installed SID monitor and working upon it. I want to purchase AWESOME
>> monitor for critical observations of ionosphere what is its price. Is
>> there any discount for me as I need it for research and education
>> purposes. Also, I could not open AWESOME collaborative website
>> whereas I have tried many times.
>>
>> regards,
>>
>> Kamran Mukhtar
>> Asst. Manager
>> Space Weather Monitoring Division
>> SUPARCO, Karachi
>
>
>

1095. Fwd: Super SID

Yahoo group: Super_SID
Date: 2013-03-20 21:29:45 UTC
From: Deborah Scherrer
Topic: 1095 Message: 1095
Attachments: 5 described; binary payloads are missing from this source WARC

Would anyone be willing to work with these folks on their data?

Thanks, hopefully!

Debbie

-------- Original Message --------
Subject: Super SID
Date: Mon, 18 Mar 2013 13:33:13 +0200
From: tayfunakdogan <tayfunakdogan@...>
To: Donald Rice <donrice@...>, "WILLIAM & MELINDA LORD"
<ap_guardian@...>, Lionel Loudet <lionel.loudet@...>, Deborah
Scherrer <dscherrer@...>

hello.
Analysis of data to SuperSID Can you help?
I send you my saved new datas.

1096. Re: [Super_SID] Fwd: Super SID [18 Attachments]

Yahoo group: Super_SID
Date: 2013-03-20 23:15:44 UTC
From: Steve Berl
Topic: 1095 Message: 1096

I emailed him this morning. Still trying to figure out what he thinks is
wrong.

Steve

On Wednesday, March 20, 2013, Deborah Scherrer wrote:

> **
>
> [Attachment(s) <#13d89c5457cd2bb2_TopText> from Deborah Scherrer
> included below]
>
> Would anyone be willing to work with these folks on their data?
>
> Thanks, hopefully!
>
> Debbie
>
> -------- Original Message -------- Subject: Super SID Date: Mon, 18 Mar
> 2013 13:33:13 +0200 From: tayfunakdogan <tayfunakdogan@...><javascript:_e({}, 'cvml',
'tayfunakdogan@...');> To:
> Donald Rice <donrice@...> <javascript:_e({}, 'cvml',
> 'donrice@...');>, "WILLIAM & MELINDA LORD"
> <ap_guardian@...> <javascript:_e({}, 'cvml',
> 'ap_guardian@...');>, Lionel Loudet <lionel.loudet@...><javascript:_e({}, 'cvml',
'lionel.loudet@free.fr');>,
> Deborah Scherrer <dscherrer@...> <javascript:_e({},
> 'cvml', 'dscherrer@...');>
>
> hello.
> Analysis of data to SuperSID Can you help?
> I send you my saved new datas.
>
>
>
>

--
-steve

1097. Re: [Super_SID] Fwd: Super SID

Yahoo group: Super_SID
Date: 2013-03-20 23:27:06 UTC
From: Deborah Scherrer
Topic: 1095 Message: 1097

Thanks, Steve -- you are SO helpful!!!!

Debbie
On 3/20/13 4:15 PM, Steve Berl wrote:
>
> I emailed him this morning. Still trying to figure out what he thinks
> is wrong.
>
>
> Steve
>
> On Wednesday, March 20, 2013, Deborah Scherrer wrote:
>
> [Attachment(s) <#13d89c5457cd2bb2_TopText> from Deborah Scherrer
> included below]
>
> Would anyone be willing to work with these folks on their data?
>
> Thanks, hopefully!
>
> Debbie
>
>
> -------- Original Message --------
> Subject: Super SID
> Date: Mon, 18 Mar 2013 13:33:13 +0200
> From: tayfunakdogan <tayfunakdogan@...>
> To: Donald Rice <donrice@...>, "WILLIAM & MELINDA LORD"
> <ap_guardian@...>, Lionel Loudet <lionel.loudet@...>,
> Deborah Scherrer <dscherrer@...>
>
>
>
> hello.
> Analysis of data to SuperSID Can you help?
> I send you my saved new datas.
>
>
>
>
>
> --
> -steve
>

1098. Re: Fwd: Super SID

Yahoo group: Super_SID
Date: 2013-03-21 10:34:13 UTC
From: tayfun2323
Topic: 1095 Message: 1098

I wonder whether the antenna is suitable for the position? I hope you will help.thanks...

--- In Super_SID@yahoogroups.com, Deborah Scherrer <dscherrer@...> wrote:
>
> Would anyone be willing to work with these folks on their data?
>
> Thanks, hopefully!
>
> Debbie
>
> -------- Original Message --------
> Subject: Super SID
> Date: Mon, 18 Mar 2013 13:33:13 +0200
> From: tayfunakdogan <tayfunakdogan@...>
> To: Donald Rice <donrice@...>, "WILLIAM & MELINDA LORD"
> <ap_guardian@...>, Lionel Loudet <lionel.loudet@...>, Deborah
> Scherrer <dscherrer@...>
>
>
>
> hello.
> Analysis of data to SuperSID Can you help?
> I send you my saved new datas.
>

1099. Re: [Super_SID] Fwd: Super SID [18 Attachments]

Yahoo group: Super_SID
Date: 2013-03-21 15:10:11 UTC
From: WILLIAM & MELINDA LORD
Topic: 1095 Message: 1099

When the data is plotted, it does not show a clear sunrise/sunset signature. It will be difficult to "see" a SID on these plots.

We see from your config file you are tracking 22 stations. Open the SuperSID Manual to page 30. Look at the chart at the bottom labeled "Normal 24 hour Day (No Flares)". We would recommend you plot each of your 22 stations and look for the stations that most closely looks like the one shown on page 30.

To maximize the signal, point the edge of your antenna to the best station and see if you get any improvement in the signal.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Deborah Scherrer <dscherrer@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Wednesday, March 20, 2013 4:29 PM
Subject: [Super_SID] Fwd: Super SID [18 Attachments]

[Attachment(s) from Deborah Scherrer included below]
Would anyone be willing to work with these folks on their data?

Thanks, hopefully!

Debbie

-------- Original Message --------
Subject: Super SID
Date: Mon, 18 Mar 2013 13:33:13 +0200
From: tayfunakdogan <tayfunakdogan@...>
To: Donald Rice <donrice@...>, "WILLIAM & MELINDA LORD" <ap_guardian@...>, Lionel Loudet <lionel.loudet@...>, Deborah Scherrer <dscherrer@...>

hello.
Analysis of data to SuperSID Can you help?
I send you my saved new datas.

1100. Fwd: SID

Yahoo group: Super_SID
Date: 2013-03-21 16:47:34 UTC
From: Deborah Scherrer
Topic: 1100 Message: 1100

Just FYI. Malaysia is really getting into this!

Debbie

-------- Original Message --------
Subject: SID
Date: Thu, 21 Mar 2013 12:34:40 +0800
From: Mhd. Fairos Asillam <fairos@...>
To: <deborah.scherrer@...>
CC: Prof. Madya Dr. Mardina Abdullah <mardina@...>, Zulia Nurlisman <zulia@...>

Hi Deborah,

I am Mhd Fairos Asillam from National Space Agency of Malaysia (ANGKASA). For your information, we are currently preparing for a national competition *"Enhancing Space Science Learning to High School Students through Space Weather Monitoring with VLF Receiver"* here in Malaysia organized by ANGKASA and National University of Malaysia (UKM).

The purpose of this project is to provide exposure and to enhance science education through the study on space weather by using the SID monitors. We aim for a maximum of 50 schools (2-4 students) to be involved in this project. For that purpose, UKM (under supervision Prof. Ir. Dr. Mardina Abdullah) will build 50 SID monitors (preamp) based on the diagram provided on the website to be given to each schools involved. Hence, we would be glad if you can guide us on providing the site ID/monitor ID for each of the SID monitors.

Thank you very much for any help you could give us on this matter.

Fairos

1101. Re: [Super_SID] Fwd: SID

Yahoo group: Super_SID
Date: 2013-03-22 15:52:58 UTC
From: Steve Berl
Topic: 1100 Message: 1101

Deborah,

Would it be OK to share this persons contact info with Tom Bales at www.ergotelescope.org. It seems like sites that are interested in SuperSID might also be interested in Cosmic Rays, and they don't have any monitors in Malaysia yet.

-steve

On Thu, Mar 21, 2013 at 9:47 AM, Deborah Scherrer <dscherrer@...> wrote:

> **
>
>
> Just FYI. Malaysia is really getting into this!
>
> Debbie
>
>
> -------- Original Message -------- Subject: SID Date: Thu, 21 Mar 2013
> 12:34:40 +0800 From: Mhd. Fairos Asillam <fairos@...><fairos@...> To:
> <deborah.scherrer@...> <deborah.scherrer@...> CC: Prof.
> Madya Dr. Mardina Abdullah <mardina@...> <mardina@...>,
> Zulia Nurlisman <zulia@...> <zulia@...>
>
> Hi Deborah,****
>
> ** **
>
> I am Mhd Fairos Asillam from National Space Agency of Malaysia (ANGKASA).
> For your information, we are currently preparing for a national competition
> *“Enhancing Space Science Learning to High School Students through Space
> Weather Monitoring with VLF Receiver”* here in Malaysia organized by
> ANGKASA and National University of Malaysia (UKM). ****
>
> ** **
>
> The purpose of this project is to provide exposure and to enhance science
> education through the study on space weather by using the SID monitors. We
> aim for a maximum of 50 schools (2-4 students) to be involved in this
> project. For that purpose, UKM (under supervision Prof. Ir. Dr. Mardina
> Abdullah) will build 50 SID monitors (preamp) based on the diagram provided
> on the website to be given to each schools involved. Hence, we would be
> glad if you can guide us on providing the site ID/monitor ID for each of
> the SID monitors.****

>
> ** **
>
> Thank you very much for any help you could give us on this matter.****
>
> ** **
>
> Fairos****
>
> ** **
>
>
>
>

--
-steve

1102. Fwd: SIDS software questions

Yahoo group: Super_SID
Date: 2013-03-22 16:49:00 UTC
From: Deborah Scherrer
Topic: 1102 Message: 1102

-------- Original Message --------
Subject: SIDS software questions
Date: Fri, 22 Mar 2013 09:45:09 -0700
From: Ed Kane <w6ont@...>
To: <sid@...>

Gentlemen:

A SID project has been implemented at Concordia Univ in Irvine, CA. The data presented while working with the package has raised some questions.

The first question is Plot for the VLF Spectrum displays "Power Spectrum (dB)" as the label for the y-axis or ordinate and Frequency for the Abscissa or x-axis. I have been assuming the abscissa units in "Hz". I however, fail to determine the "(dB)" units; i.e. are the units dBm (dB above a milliwatt), dBW (dB above 1 watt, dBV (dB above a volt), dBu (dB above a microvolt?

The second question deals with the units implied by the numbers along the ordinate of the individual VLF station daily signal strength plots. What are these units. I am somewhat assuming the ordinate "Signal Strength" units are "microvolts per meter".

Any assistance you can provide as to clarify the units would be greatly appreciated.

Thank you in advance for your help and cooperation with this matter

Ed Kane

1103. Re: [Super_SID] Fwd: SID

Yahoo group: Super_SID
Date: 2013-03-22 16:51:23 UTC
From: Deborah Scherrer
Topic: 1100 Message: 1103

We here at Stanford have always assumed that members of the SID community wish
to talk with each other and those in related projects. So, sure, put them in touch!

Deborah

On 3/22/13 8:52 AM, Steve Berl wrote:
>
> Deborah,
>
>
> Would it be OK to share this persons contact info with Tom Bales at
> www.ergotelescope.org <http://www.ergotelescope.org>. It seems like
> sites that are interested in SuperSID might also be interested in
> Cosmic Rays, and they don't have any monitors in Malaysia yet.
>
> -steve
>
> On Thu, Mar 21, 2013 at 9:47 AM, Deborah Scherrer
> <dscherrer@... <mailto:dscherrer@...>>
> wrote:
>
> Just FYI. Malaysia is really getting into this!
>
> Debbie
>
>
>
> -------- Original Message --------
> Subject: SID
> Date: Thu, 21 Mar 2013 12:34:40 +0800
> From: Mhd. Fairos Asillam <fairos@...>
> <mailto:fairos@...>
> To: <deborah.scherrer@...>
> <mailto:deborah.scherrer@...>
> CC: Prof. Madya Dr. Mardina Abdullah <mardina@...>
> <mailto:mardina@...>, Zulia Nurlisman
> <zulia@...> <mailto:zulia@...>
>
>
>
> Hi Deborah,
>
> I am Mhd Fairos Asillam from National Space Agency of Malaysia

> (ANGKASA). For your information, we are currently preparing for a
> national competition *?Enhancing Space Science Learning to High
> School Students through Space Weather Monitoring with VLF
> Receiver?* here in Malaysia organized by ANGKASA and National
> University of Malaysia (UKM).
>
> The purpose of this project is to provide exposure and to enhance
> science education through the study on space weather by using the
> SID monitors. We aim for a maximum of 50 schools (2-4 students) to
> be involved in this project. For that purpose, UKM (under
> supervision Prof. Ir. Dr. Mardina Abdullah) will build 50 SID
> monitors (preamp) based on the diagram provided on the website to
> be given to each schools involved. Hence, we would be glad if you
> can guide us on providing the site ID/monitor ID for each of the
> SID monitors.
>
> Thank you very much for any help you could give us on this matter.
>
> Fairos
>
>
>
>
>
>
> --
> -steve
>

1104. Re: [Super_SID] Fwd: SID observations [1 Attachment]

Yahoo group: Super_SID
Date: 2013-03-22 20:19:36 UTC
From: WILLIAM & MELINDA LORD
Topic: 1094 Message: 1104

Your Question: "I click on spikes of curve but it did never shows any station name"

Answer: The software will only display the frequency, power and strength not the station ID or nameat the bottom right of your screen.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Deborah Scherrer <dscherrer@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Wednesday, March 20, 2013 10:55 AM
Subject: [Super_SID] Fwd: SID observations [1 Attachment]

[Attachment(s) from Deborah Scherrer included below]

Anyone want to handle this?

Debbie

-------- Original Message --------
Subject: SID observations
Date: Wed, 20 Mar 2013 00:28:07 -0700 (PDT)
From: Kamran Mukhtar <kamran.mukhtar@...m>
Reply-To: Kamran Mukhtar <kamran.mukhtar@...>
To: dscherrer@solar.stanford.edu <dscherrer@...>

Dear Deborah,

Attached herewith is SID monitor observations installed in Karachi, Pakistan. Your kind response over it is desired. One thing I want to ask you that many times I click on spikes of curve but it did never shows any station name, is that fault of software ?

regards,

Kamran Mukhtar
Asst. Manager
Space Weather Monitoring Division
SUPARCO, Karachi

From: Deborah Scherrer <dscherrer@...>
To: Kamran Mukhtar <kamran.mukhtar@...>
Sent: Thursday, February 21, 2013 1:19 AM

Subject: Re: thanks

Currently I don't know of any similar instruments to AWESOME. But if something comes up, I will certainly let you know!

Deborah

On 2/20/13 12:16 PM, Kamran Mukhtar wrote:

>
>
>Thank you so much for your instant reply you really have solved my problem as I just was searching its price from last three hours...And I have got reply from them that is the same as you told. But you please let me know if there is any other instrument like AWESOME which may be helpful for space weather monitoring and education.
>regards,
>
>
>Kamran Mukhtar
>Asst. Manager
>Space Weather Monitoring Division
>SUPARCO, Karachi
>
>
>
>_____
> From: Deborah Scherrer <dscherrer@....edu>
>To: Kamran Mukhtar <kamran.mukhtar@...>
>Sent: Thursday, February 21, 2013 1:04 AM
>Subject: Re: purchase of AWESOME
>
>
>Hi Kamran,
>
>I forwarded your note along to the folks involved with the AWESOME project. I believe
>they are no longer building systems, but they should be contacting you directly.
>
>Also, we're glad to here you've got the SID monitor installed!
>
>Deborah
>
>
>On 2/20/13 11:51 AM, Kamran Mukhtar wrote:
>
>
>>
>>Hi,

>>I am Kamran from Pakistan and met you there in ISWI school. I have installed SID monitor and working upon it. I want to purchase AWESOME monitor for critical observations of ionosphere what is its price. Is there any discount for me as I need it for research and education purposes. Also, I could not open AWESOME collaborative website whereas I have tried many times.
>>
>>
>>regards,
>>
>>
>>Kamran Mukhtar
>>Asst. Manager
>>Space Weather Monitoring Division
>>SUPARCO, Karachi
>
>
>

1105. Re: [Super_SID] Fwd: SID observations

Yahoo group: Super_SID
Date: 2013-03-22 20:31:00 UTC
From: Frank
Topic: 1094 Message: 1105

lol, I thougth the same once too, thought I read that the stations name would appear as well.. must be me..

Frank

----- Original Message -----
From: WILLIAM & MELINDA LORD
To: Super_SID@yahoogroups.com ; kamran.mukhtar@...
Sent: Friday, March 22, 2013 4:19 PM
Subject: Re: [Super_SID] Fwd: SID observations

Your Question: "I click on spikes of curve but it did never shows any station name"

Answer: The software will only display the frequency, power and strength not the station ID or name at the bottom right of your screen.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Deborah Scherrer <dscherrer@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Wednesday, March 20, 2013 10:55 AM
Subject: [Super_SID] Fwd: SID observations [1 Attachment]

Anyone want to handle this?

Debbie

-------- Original Message -------- Subject: SID observations
Date: Wed, 20 Mar 2013 00:28:07 -0700 (PDT)
From: Kamran Mukhtar <kamran.mukhtar@...>
Reply-To: Kamran Mukhtar <kamran.mukhtar@...>
To: dscherrer@... <dscherrer@...>

Dear Deborah,

Attached herewith is SID monitor observations installed in Karachi, Pakistan. Your kind response over it is desired. One thing I want to ask you that many times I click on spikes of curve but it did never shows any station name, is that fault of software ?

regards,

Kamran Mukhtar
Asst. Manager
Space Weather Monitoring Division
SUPARCO, Karachi

From: Deborah Scherrer <dscherrer@...>
To: Kamran Mukhtar <kamran.mukhtar@...>
Sent: Thursday, February 21, 2013 1:19 AM
Subject: Re: thanks

Currently I don't know of any similar instruments to AWESOME. But if something comes up, I will certainly let you know!

Deborah

On 2/20/13 12:16 PM, Kamran Mukhtar wrote:

Thank you so much for your instant reply you really have solved my problem as I just was searching its price from last three hours...And I have got reply from them that is the same as you told. But you please let me know if there is any other instrument like AWESOME which may be helpful for space weather monitoring and education.
regards,

Kamran Mukhtar
Asst. Manager
Space Weather Monitoring Division
SUPARCO, Karachi

From: Deborah Scherrer <dscherrer@...>
To: Kamran Mukhtar <kamran.mukhtar@...>
Sent: Thursday, February 21, 2013 1:04 AM
Subject: Re: purchase of AWESOME

Hi Kamran,

I forwarded your note along to the folks involved with the AWESOME project. I believe they are no longer building systems, but they should be contacting you directly.

Also, we're glad to here you've got the SID monitor installed!

Deborah

On 2/20/13 11:51 AM, Kamran Mukhtar wrote:

Hi,
I am Kamran from Pakistan and met you there in ISWI school. I have installed SID monitor and working upon it. I want to purchase AWESOME monitor for critical observations of ionosphere what is its price. Is there any discount for me as I need it for research and education purposes. Also, I could not open AWESOME collaborative website whereas I have tried many times.

regards,

Kamran Mukhtar
Asst. Manager
Space Weather Monitoring Division
SUPARCO, Karachi

1106. Re: [Super_SID] Fwd: SIDS software questions

Yahoo group: Super_SID
Date: 2013-03-30 02:38:37 UTC
From: Steve Berl
Topic: 1102 Message: 1106

Well, I was hoping that someone else would answer as I wanted to hear the answer also, but seem not to be. So I had a look at the code, at least for the real-time spectrum plot put up by the superside.exe program.

The sound drivers are configured to get a stream of samples from the sound card as a 16 bit integers.
I think the specific values you get are controlled by the position of the input level slider in your sound control panels. So I believe that this is completely uncalibrated. You get an array of numbers between 0 and 65535.

Then, there's a configurable in your supersid.cfg, scaling parameter. Each sample in the array is multiplied by this number. The default is 1.

Then these scaled samples are fed to a function in matplotlib library called psd(), which calculates and plots the power spectrum distribution. I'm not sure, but I would guess the resulting power is relative to the maximum possible value (65535). Maybe someone who understands the math better would know. The array of the values returned by this function is what is used to draw the real-time spectrum graph.

These power values are saved away for each frequency of the stations being monitored. Those are the values that get written into your .csv output file, and uploaded to the Stanford FTP server.

Not sure what happens after that.

-steve

On Fri, Mar 22, 2013 at 9:49 AM, Deborah Scherrer <
dscherrer@...> wrote:

> **
>
>
>
> -------- Original Message -------- Subject: SIDS software questions Date:
> Fri, 22 Mar 2013 09:45:09 -0700 From: Ed Kane <w6ont@...><w6ont@...> To:
> <sid@...> <sid@...>
>
> Gentlemen:
>
> A SID project has been implemented at Concordia Univ in Irvine, CA. The
> data presented while working with the package has raised some questions.
>
> The first question is Plot for the VLF Spectrum displays "Power Spectrum
> (dB)" as the label for the y-axis or ordinate and Frequency for the
> Abscissa or x-axis. I have been assuming the abscissa units in "Hz". I

> however, fail to determine the "(dB)" units; i.e. are the units dBm (dB
> above a milliwatt), dBW (dB above 1 watt, dBV (dB above a volt), dBu (dB
> above a microvolt?
>
> The second question deals with the units implied by the numbers along
> the ordinate of the individual VLF station daily signal strength plots.
> What are these units. I am somewhat assuming the ordinate "Signal
> Strength" units are "microvolts per meter".
>
> Any assistance you can provide as to clarify the units would be greatly
> appreciated.
>
> Thank you in advance for your help and cooperation with this matter
>
> Ed Kane
>
>
>
>

--
-steve

1107. Downloading data files?

Yahoo group: Super_SID
Date: 2013-04-01 16:38:18 UTC
From: Steve Berl
Topic: 1107 Message: 1107

Hi Everyone,

If I download data files from sid.stanford.edu/database-browser, it contains a few fields that I don't understand.

I'm going to guess that DataMin and DataMax are the max and min values of the data in this file, which might be useful for scaling plots, etc.

What are dataquality_average_v0.1 and dataquality_max_v0.1?

Thanks in advance,
--
-steve

1108. Fwd: SSID Data Question

Yahoo group: Super_SID
Date: 2013-04-08 17:47:16 UTC
From: Deborah Scherrer
Topic: 1108 Message: 1108
Attachments: 1 described; binary payloads are missing from this source WARC

-------- Original Message --------
Subject: SSID Data Question
Date: Mon, 8 Apr 2013 09:43:31 -0700 (PDT)
From: Jim Tegerdine <jtegerdine@...>
Reply-To: Jim Tegerdine <jtegerdine@...>
To: sid@... <sid@...>

Hello.
I am running a SuperSID receiver (#0181).
I recently deleted all but one transmitting station (NPM) from my config folder.
I saved the configurations for all 6 stations as a different file and left NPM in the original folder.
Now, when I try to save the current buffer, I get the (attached) message.
Please advise.

Jim Tegerdine
Marysville, WA
SSID 0181 (MPO)
(I have removed all data from the data folder and re-started SSID).

1109. Re: [Super_SID] Fwd: SSID Data Question [1 Attachment]

Yahoo group: Super_SID
Date: 2013-04-08 18:07:33 UTC
From: danny garvin
Topic: 1108 Message: 1109

Did you remove the current buffer file from the data folder? if so that needs to be there for it to work.
Danny WB9RIM

From: Deborah Scherrer <dscherrer@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Monday, April 8, 2013 12:47 PM
Subject: [Super_SID] Fwd: SSID Data Question [1 Attachment]

[Attachment(s) from Deborah Scherrer included below]

-------- Original Message --------
Subject: SSID Data Question
Date: Mon, 8 Apr 2013 09:43:31 -0700 (PDT)
From: Jim Tegerdine <jtegerdine@...>
Reply-To: Jim Tegerdine <jtegerdine@...>
To: sid@... <sid@...ford.edu>

Hello.
I am running a SuperSID receiver (#0181).
I recently deleted all but one transmitting station (NPM) from my config folder.
I saved the configurations for all 6 stations as a different file and left NPM in the original folder.
Now, when I try to save the current buffer, I get the (attached) message.
Please advise.

Jim Tegerdine
Marysville, WA
SSID 0181 (MPO)
(I have removed all data from the data folder and re-started SSID).

1110. Fwd: Re: Fwd: Re: [Super_SID] Fwd: SSID Data Question

Yahoo group: Super_SID
Date: 2013-04-08 19:19:31 UTC
From: Deborah Scherrer
Topic: 1110 Message: 1110

Jim, if you respond through the Super_SID yahoo group, you'll reach a lot more people who might have ideas on how to help!

Deborah Scherrer

-------- Original Message --------
Subject: Re: Fwd: Re: [Super_SID] Fwd: SSID Data Question
Date: Mon, 8 Apr 2013 12:13:57 -0700 (PDT)
From: Jim Tegerdine <jtegerdine@...>
Reply-To: Jim Tegerdine <jtegerdine@...>
To: dscherrer@... <dscherrer@...>

I removed it, but only after removing the other data files. I was still getting the error message, then I removed the current buffer file. There is a current buffer file in there now, but it is empty. Will things go back to normal after 5 p.m. PDT (00:00 utc) today, or do I need to do something else?
Thanks.
Jim

From: Deborah Scherrer <dscherrer@...>
To: jtegerdine@...
Sent: Monday, April 8, 2013 11:10 AM
Subject: Fwd: Re: [Super_SID] Fwd: SSID Data Question

-------- Original Message --------
Subject: Re: [Super_SID] Fwd: SSID Data Question
Date: Mon, 8 Apr 2013 11:07:33 -0700 (PDT)
From: danny garvin <grailknight_2@...>
<mailto:grailknight_2@...>
Reply-To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
<Super_SID@yahoogroups.com> <mailto:Super_SID@yahoogroups.com>

Did you remove the current buffer file from the data folder? if so that needs to be there for it to work.
Danny WB9RIM

From: Deborah Scherrer <dscherrer@...>
<mailto:dscherrer@...>
To: "Super_SID@yahoogroups.com" <mailto:Super_SID@yahoogroups.com>
<Super_SID@yahoogroups.com> <mailto:Super_SID@yahoogroups.com>
Sent: Monday, April 8, 2013 12:47 PM
Subject: [Super_SID] Fwd: SSID Data Question [1 Attachment]

-------- Original Message --------
Subject: SSID Data Question
Date: Mon, 8 Apr 2013 09:43:31 -0700 (PDT)
From: Jim Tegerdine <jtegerdine@...> <mailto:jtegerdine@...>
Reply-To: Jim Tegerdine <jtegerdine@...>
<mailto:jtegerdine@...>
To: sid@... <mailto:sid@...>
<sid@...> <mailto:sid@...>

Hello.
I am running a SuperSID receiver (#0181).
I recently deleted all but one transmitting station (NPM) from my config folder.
I saved the configurations for all 6 stations as a different file and left NPM in the original folder.
Now, when I try to save the current buffer, I get the (attached) message.
Please advise.

Jim Tegerdine
Marysville, WA
SSID 0181 (MPO)
(I have removed all data from the data folder and re-started SSID).

1111. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2013-04-08 19:44:28 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 1111

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /MPO/SSID ERROR MESSAGE.jpg
Uploaded by : jtegerdine <jtegerdine@...>
Description : SSID ERROR MESSAGE

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/MPO/SSID%20ERROR%20MESSAGE.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

jtegerdine <jtegerdine@...>

1112. SSID ERROR MESSAGE

Yahoo group: Super_SID
Date: 2013-04-08 19:49:24 UTC
From: jtegerdine
Topic: 1112 Message: 1112

I recently removed (and saved) all but one transmitting station from my SSID configuration folder (NPM).
Afterwards, I was not able to save the current buffers. I then removed all the data files from the data folder, EXCEPT the current buffer file. Still could not save buffers.
Now, there is a current buffers file (empty) in the data folder.
My question is: will my system restore itself at the end of the day (5 p.m. PDT), or do I need to do something else?
I have posted the error message in the Files section under the MPO folder.
Thanks for any help.
Jim Tegerdine
Marysville, WA (MPO)

1113. Re: [Super_SID] SSID ERROR MESSAGE

Yahoo group: Super_SID
Date: 2013-04-08 22:07:48 UTC
From: WILLIAM & MELINDA LORD
Topic: 1112 Message: 1113

Jim,
Can you send us a copy of your config file?

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: jtegerdine <jtegerdine@...>
To: Super_SID@yahoogroups.com
Sent: Monday, April 8, 2013 2:49 PM
Subject: [Super_SID] SSID ERROR MESSAGE

I recently removed (and saved) all but one transmitting station from my SSID configuration folder (NPM).
Afterwards, I was not able to save the current buffers. I then removed all the data files from the data folder, EXCEPT the current buffer file. Still could not save buffers.
Now, there is a current buffers file (empty) in the data folder.
My question is: will my system restore itself at the end of the day (5 p.m. PDT), or do I need to do something else?
I have posted the error message in the Files section under the MPO folder.
Thanks for any help.
Jim Tegerdine
Marysville, WA (MPO)

1114. Re: SSID ERROR MESSAGE

Yahoo group: Super_SID
Date: 2013-04-12 18:49:29 UTC
From: Donald
Topic: 1112 Message: 1114

Jim,
I believe the error you encountered is an actual bug in SuperSID that occurs when there is only one station configured. Try adding one more station to see if it goes away. Also if you are not running the latest version (1.2.1) I would recommend that you upgrade. Please let us know if that fixes it.

Don Hutchens
Greensboro, NC (PGNC)

--- In Super_SID@yahoogroups.com, "jtegerdine" <jtegerdine@...> wrote:
>
> I recently removed (and saved) all but one transmitting station from my SSID configuration folder (NPM).
> Afterwards, I was not able to save the current buffers. I then removed all the data files from the data folder, EXCEPT the current buffer file. Still could not save buffers.
> Now, there is a current buffers file (empty) in the data folder.
> My question is: will my system restore itself at the end of the day (5 p.m. PDT), or do I need to do something else?
> I have posted the error message in the Files section under the MPO folder.
> Thanks for any help.
> Jim Tegerdine
> Marysville, WA (MPO)
>

1115. USB Sound Card

Yahoo group: Super_SID
Date: 2013-04-13 12:19:10 UTC
From: JohnC
Topic: 1115 Message: 1115

Does anyone know of a simple USB sound device that captures audio in the 96000 range. I tried a Sound Blaster XF Pro on my remote RasPi but it took to much power with all the bells and whistles.

1116. Re: [Super_SID] USB Sound Card

Yahoo group: Super_SID
Date: 2013-04-13 12:32:00 UTC
From: Frank
Topic: 1115 Message: 1116

My friend has one by creative labs that he lent me to try and it worked pretty good and did go up to 96khz, maybe even higher, I can check on it if interested..
Frank

----- Original Message -----
From: JohnC
To: Super_SID@yahoogroups.com
Sent: Saturday, April 13, 2013 8:19 AM
Subject: [Super_SID] USB Sound Card

Does anyone know of a simple USB sound device that captures audio in the 96000 range. I tried a Sound Blaster XF Pro on my remote RasPi but it took to much power with all the bells and whistles.

1117. Re: USB Sound Card

Yahoo group: Super_SID
Date: 2013-04-13 12:39:43 UTC
From: JohnC
Topic: 1115 Message: 1117

That would be great.
Thanks

--- In Super_SID@yahoogroups.com, "Frank" <skybug@...> wrote:
>
> My friend has one by creative labs that he lent me to try and it worked pretty good and did go up to 96khz, maybe even higher, I can check on it if interested..
> Frank
>
> ----- Original Message -----
> From: JohnC
> To: Super_SID@yahoogroups.com
> Sent: Saturday, April 13, 2013 8:19 AM
> Subject: [Super_SID] USB Sound Card
>
>
>
> Does anyone know of a simple USB sound device that captures audio in the 96000 range. I tried a Sound Blaster XF Pro on my remote RasPi but it took to much power with all the bells and whistles.
>

1118. Re: [Super_SID] Re: USB Sound Card

Yahoo group: Super_SID
Date: 2013-04-13 13:19:58 UTC
From: Frank
Topic: 1115 Message: 1118

Hey John,

Here is a link to it, its the one my friend sent me to check out, then he lent me his so I could try it. It only goes up to the 96k, but good enough for us since we can see and hear up to the 48khz, plug and play !! He got it from Tigerdirect, can find them on Ebay as well.. good luck.

http://www.ebay.com/itm/New-Creative-Labs-Sound-Blaster-X-Fi-Surround-5-1-Pro-24-bit-USB-External-Sound-/160727974036?pt=US_Sound_Cards_Internal_&hash=item256c224094

Frank

----- Original Message -----
From: JohnC
To: Super_SID@yahoogroups.com
Sent: Saturday, April 13, 2013 8:39 AM
Subject: [Super_SID] Re: USB Sound Card

That would be great.
Thanks

--- In Super_SID@yahoogroups.com, "Frank" <skybug@...> wrote:
>
> My friend has one by creative labs that he lent me to try and it worked pretty good and did go up to 96khz, maybe even higher, I can check on it if interested..
> Frank
>
> ----- Original Message -----
> From: JohnC
> To: Super_SID@yahoogroups.com
> Sent: Saturday, April 13, 2013 8:19 AM
> Subject: [Super_SID] USB Sound Card
>
>
>
> Does anyone know of a simple USB sound device that captures audio in the 96000 range. I tried a Sound Blaster XF Pro on my remote RasPi but it took to much power with all the bells and whistles.
>

1119. Re: [Super_SID] Re: USB Sound Card

Yahoo group: Super_SID
Date: 2013-04-13 16:43:40 UTC
From: Steve Berl
Topic: 1115 Message: 1119

Have you tried a powered USB hub between the RasPi and the sound interface?

-steve

On Sat, Apr 13, 2013 at 6:19 AM, Frank <skybug@...> wrote:

> **
>
>
> **
> Hey John,
>
> Here is a link to it, its the one my friend sent me to check out, then he
> lent me his so I could try it. It only goes up to the 96k, but good enough
> for us since we can see and hear up to the 48khz, plug and play !! He got
> it from Tigerdirect, can find them on Ebay as well.. good luck.
>
>
> http://www.ebay.com/itm/New-Creative-Labs-Sound-Blaster-X-Fi-Surround-5-1-Pro-24-bit-USB
-External-Sound-/160727974036?pt=US_Sound_Cards_Internal_&hash=item256c224094
>
> Frank
>
>
>
> ----- Original Message -----
> *From:* JohnC <johncowlbeck@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Saturday, April 13, 2013 8:39 AM
> *Subject:* [Super_SID] Re: USB Sound Card
>
>
>
> That would be great.
> Thanks
>
> --- In Super_SID@yahoogroups.com, "Frank" <skybug@...> wrote:
> >
> > My friend has one by creative labs that he lent me to try and it worked
> pretty good and did go up to 96khz, maybe even higher, I can check on it if
> interested..
> > Frank
> >
> > ----- Original Message -----
> > From: JohnC
> > To: Super_SID@yahoogroups.com

> > Sent: Saturday, April 13, 2013 8:19 AM
> > Subject: [Super_SID] USB Sound Card
> >
> >
> >
> > Does anyone know of a simple USB sound device that captures audio in the
> 96000 range. I tried a Sound Blaster XF Pro on my remote RasPi but it took
> to much power with all the bells and whistles.
> >
>
>
>

--
-steve

1120. Re: USB Sound Card

Yahoo group: Super_SID
Date: 2013-04-13 20:09:28 UTC
From: JohnC
Topic: 1115 Message: 1120

Yes I am using one rated at 2Amp. It also powers the wireless besides the sound. The whole thing is powered by 2 12 volt 26 amp hour batteries charged by a 7 amp solar cell.

--- In Super_SID@yahoogroups.com, Steve Berl <steveberl@...> wrote:
>
> Have you tried a powered USB hub between the RasPi and the sound interface?
>
> -steve
>
>
> On Sat, Apr 13, 2013 at 6:19 AM, Frank <skybug@...> wrote:
>
> > **
> >
> >
> > **
> > Hey John,
> >
> > Here is a link to it, its the one my friend sent me to check out, then he
> > lent me his so I could try it. It only goes up to the 96k, but good enough
> > for us since we can see and hear up to the 48khz, plug and play !! He got
> > it from Tigerdirect, can find them on Ebay as well.. good luck.
> >
> >
> > http://www.ebay.com/itm/New-Creative-Labs-Sound-Blaster-X-Fi-Surround-5-1-Pro-24-bit-USB-External-Sound-/160727974036?pt=US_Sound_Cards_Internal_&hash=item256c224094
> >
> > Frank
> >
> >
> >
> > ----- Original Message -----
> > *From:* JohnC <johncowlbeck@...>
> > *To:* Super_SID@yahoogroups.com
> > *Sent:* Saturday, April 13, 2013 8:39 AM
> > *Subject:* [Super_SID] Re: USB Sound Card
> >
> >
> >
> > That would be great.
> > Thanks
> >
> > --- In Super_SID@yahoogroups.com, "Frank" <skybug@> wrote:
> > >
> > > My friend has one by creative labs that he lent me to try and it worked

> > pretty good and did go up to 96khz, maybe even higher, I can check on it if
> > interested..
> > > Frank
> > >
> > > ----- Original Message -----
> > > From: JohnC
> > > To: Super_SID@yahoogroups.com
> > > Sent: Saturday, April 13, 2013 8:19 AM
> > > Subject: [Super_SID] USB Sound Card
> > >
> > >
> > >
> > > Does anyone know of a simple USB sound device that captures audio in the
> > 96000 range. I tried a Sound Blaster XF Pro on my remote RasPi but it took
> > to much power with all the bells and whistles.
> > >
> >
> >
> >
>
>
>
> --
> -steve
>

1121. Re: USB Sound Card

Yahoo group: Super_SID
Date: 2013-04-13 23:11:14 UTC
From: JohnC
Topic: 1115 Message: 1121

Frank
That is the exact same one I have. It works great on my regular SID station (0309) on a Dell Optiplex. I had timing issues using it on the RasPi. What I would like is one that can be configured to only record audio if possible.

--- In Super_SID@yahoogroups.com, "Frank" <skybug@...> wrote:
>
> Hey John,
>
> Here is a link to it, its the one my friend sent me to check out, then he lent me his so I could try it. It only goes up to the 96k, but good enough for us since we can see and hear up to the 48khz, plug and play !! He got it from Tigerdirect, can find them on Ebay as well.. good luck.
>
> http://www.ebay.com/itm/New-Creative-Labs-Sound-Blaster-X-Fi-Surround-5-1-Pro-24-bit-USB-External-Sound-/160727974036?pt=US_Sound_Cards_Internal_&hash=item256c224094
>
> Frank
>
>
>
>
> ----- Original Message -----
> From: JohnC
> To: Super_SID@yahoogroups.com
> Sent: Saturday, April 13, 2013 8:39 AM
> Subject: [Super_SID] Re: USB Sound Card
>
>
>
>
> That would be great.
> Thanks
>
> --- In Super_SID@yahoogroups.com, "Frank" <skybug@> wrote:
> >
> > My friend has one by creative labs that he lent me to try and it worked pretty good and did go up to 96khz, maybe even higher, I can check on it if interested..
> > Frank
> >
> > ----- Original Message -----
> > From: JohnC
> > To: Super_SID@yahoogroups.com
> > Sent: Saturday, April 13, 2013 8:19 AM
> > Subject: [Super_SID] USB Sound Card
> >

> >
> >
> > Does anyone know of a simple USB sound device that captures audio in the 96000 range. I tried a Sound Blaster XF Pro on my remote RasPi but it took to much power with all the bells and whistles.
> >
>

1122. new SuperSID site in Firat, Turkey

Yahoo group: Super_SID
Date: 2013-04-15 23:06:59 UTC
From: Deborah Scherrer
Topic: 1122 Message: 1122

Please welcome Tayfun of the SID site FIRAT which appears to be in Turkey.
They have just sent in their first batch of SuperSID data. Their
configuration
file notes that they are set up to monitor 20 transmitter stations.
However,
it's not clear that their data are properly calibrated or set up. Would
anyone
be willing to help them improve their data quality?

Thanks.
Deborah

1123. Re: [Super_SID] Downloading data files?

Yahoo group: Super_SID
Date: 2013-04-16 00:10:30 UTC
From: Deborah Scherrer
Topic: 1107 Message: 1123

Yes, our software adds the DataMin and DataMax fields to help us scale the plots.

The dataquality things are a longer story. Once we started to receive a lot of
SuperSID data files, we noticed that many of them showed either very noisy or just plain bad data. What we'd commonly see what a new site came is was files from monitoring 6 transmitter sites. Of those, 2 or 3 would show a good sunrise/set signature and the other 3-4 would be bad, i.e. not aligned with the signal, data. This was happening so often that we looked into ways to validate the quality of the data.

My programmer, Scott Winegarden, played around with several algorithms to detect a valid sunrise/set signature and distinguish the reasonable data from
the others than were essentially noise. He eventually found some that worked
pretty well.

The initial goal was to use this information
to contact the various sites, letting them know that they were picking up very
good signals from some transmitters, but noisy or bad ones from the others.

The code for these algorithms actually works and has been tested. However, to make the
feature useful, I still need to change the data processing software to include the new
keywords and run the code on incoming data. I also need to set up a run-through of
all our existing data to get it analyzed as well.

I was essentially set to add those changes when we lost funding for Scott, and any other
student helpers. At this point I realized that, even if we could determine quality data
from noise, there was no one here to contact the various sites and work with them
to improve their data. So I never got around to implementing the code.

If you, i.e. the people in the SID community, think this would be valuable information
to have, I could (eventually) get the code finished. It would be most useful if people
were also willing to work with their colleagues to clean up the various data.

Let me know what you think. Currently it's pretty low priority on my
(almost endless)
To-Do List. ;-)

Debbie

On 4/1/13 9:38 AM, Steve Berl wrote:
> Hi Everyone,
>
> If I download data files from sid.stanford.edu/database-browser
> <http://sid.stanford.edu/database-browser>, it contains a few fields
> that I don't understand.
>
> I'm going to guess that DataMin and DataMax are the max and min values
> of the data in this file, which might be useful for scaling plots, etc.
>
> What are dataquality_average_v0.1 and dataquality_max_v0.1?
>
> Thanks in advance,
> --
> -steve
>

1124. Re: [Super_SID] Downloading data files?

Yahoo group: Super_SID
Date: 2013-04-16 01:54:41 UTC
From: Steve Berl
Topic: 1107 Message: 1124

I'd be interested in the nitty gritty of the algorithm for detecting the sunrise/sunset signatures.

Perhaps it would be useful as a tool for end users to help them select which stations to monitor?
I've already been thinking about a config file validator, and a data file validator would fit right in.

I would also be able to help other sites to improve the quality of their data.

-steve

On Mon, Apr 15, 2013 at 5:10 PM, Deborah Scherrer <
dscherrer@...> wrote:

> Yes, our software adds the DataMin and DataMax fields to help us scale
> the plots.
>
> The dataquality things are a longer story. Once we started to receive a
> lot of
> SuperSID data files, we noticed that many of them showed either very noisy
> or just plain bad data. What we'd commonly see what a new site came is
> was files from monitoring 6 transmitter sites. Of those, 2 or 3 would
> show a good sunrise/set signature and the other 3-4 would be bad,
> i.e. not aligned with the signal, data. This was happening so often that
> we looked into ways to validate the quality of the data.
>
> My programmer, Scott Winegarden, played around with several algorithms to
> detect a valid sunrise/set signature and distinguish the reasonable data
> from
> the others than were essentially noise. He eventually found some that
> worked
> pretty well.
>
> The initial goal was to use this information
> to contact the various sites, letting them know that they were picking up
> very
> good signals from some transmitters, but noisy or bad ones from the others.
>
> The code for these algorithms actually works and has been tested.
> However, to make the
> feature useful, I still need to change the data processing software to
> include the new
> keywords and run the code on incoming data. I also need to set up a
> run-through of

> all our existing data to get it analyzed as well.
>
> I was essentially set to add those changes when we lost funding for Scott,
> and any other
> student helpers. At this point I realized that, even if we could
> determine quality data
> from noise, there was no one here to contact the various sites and work
> with them
> to improve their data. So I never got around to implementing the code.
>
> If you, i.e. the people in the SID community, think this would be valuable
> information
> to have, I could (eventually) get the code finished. It would be most
> useful if people
> were also willing to work with their colleagues to clean up the various
> data.
>
> Let me know what you think. Currently it's pretty low priority on my
> (almost endless)
> To-Do List. ;-)
>
> Debbie
>
>
>
> On 4/1/13 9:38 AM, Steve Berl wrote:
>
>
> Hi Everyone,
>
> If I download data files from sid.stanford.edu/database-browser, it
> contains a few fields that I don't understand.
>
> I'm going to guess that DataMin and DataMax are the max and min values
> of the data in this file, which might be useful for scaling plots, etc.
>
> What are dataquality_average_v0.1 and dataquality_max_v0.1?
>
> Thanks in advance,
> --
> -steve
>
>
>
>

--
-steve

1125. Re: [Super_SID] new SuperSID site in Firat, Turkey

Yahoo group: Super_SID
Date: 2013-04-16 01:55:29 UTC
From: Steve Berl
Topic: 1122 Message: 1125

Welcome Tayfun,

I can try to help you with your data.

-steve

On Mon, Apr 15, 2013 at 4:06 PM, Deborah Scherrer <
dscherrer@...> wrote:

> **
>
>
> Please welcome Tayfun of the SID site FIRAT which appears to be in Turkey.
> They have just sent in their first batch of SuperSID data. Their
> configuration
> file notes that they are set up to monitor 20 transmitter stations.
> However,
> it's not clear that their data are properly calibrated or set up. Would
> anyone
> be willing to help them improve their data quality?
>
> Thanks.
> Deborah
>
>

--
-steve

1126. Re: [Super_SID] Downloading data files?

Yahoo group: Super_SID
Date: 2013-04-17 14:59:26 UTC
From: Eric Gibert
Topic: 1107 Message: 1126

It is easy to import pyephem. Location shall use the coordinate of the data file, the date is also found on the header, then sunset and sunrise are provided by a simple method call.

Download and tutorial on http://rhodesmill.org/pyephem/

Best regards
Eric

De : Steve Berl <steveberl@...>
À : Deborah Scherrer <dscherrer@...>
Cc : "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>; "supersid@..." <supersid@radio-astronomy.org>; Scott Winegarden <scottw@...>
Envoyé le : Mardi 16 avril 2013 9h54
Objet : Re: [Super_SID] Downloading data files?

I'd be interested in the nitty gritty of the algorithm for detecting the sunrise/sunset signatures.

Perhaps it would be useful as a tool for end users to help them select which stations to monitor?
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I would also be able to help other sites to improve the quality of their data.

-steve

On Mon, Apr 15, 2013 at 5:10 PM, Deborah Scherrer <dscherrer@...> wrote:

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-steve

1127. Re: Downloading data files?

Yahoo group: Super_SID
Date: 2013-04-18 01:08:58 UTC
From: Steve Berl
Topic: 1107 Message: 1127

Knowing the time of sunrise or sunset is only part of the problem.
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a sunrise curve is the part I would like to see how it is done.

Steve

On Wednesday, April 17, 2013, Eric Gibert wrote:

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> 'steveberl@...');>>
> *À :* Deborah Scherrer <dscherrer@... <javascript:_e({},
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> 'Super_SID@yahoogroups.com');>" <Super_SID@yahoogroups.com<javascript:_e({}, 'cvml',
'Super_SID@yahoogroups.com');>>;
> "supersid@... <javascript:_e({}, 'cvml',
> 'supersid@...');>" <supersid@...<javascript:_e({}, 'cvml', 'supersid@...');>>;
> Scott Winegarden <scottw@sun.stanford.edu <javascript:_e({}, 'cvml',
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1128. periodic variation in VLF data

Yahoo group: Super_SID
Date: 2013-04-19 21:48:53 UTC
From: Kamran
Topic: 1128 Message: 1128

Data of some VLF stations like (3SB, china)shows hourly periodic variations instead of diurnal variation. What is the reason ?

1129. Re: [Super_SID] periodic variation in VLF data

Yahoo group: Super_SID
Date: 2013-04-20 15:31:49 UTC
From: Marcus D. Leech
Topic: 1128 Message: 1129

> Data of some VLF stations like (3SB, china)shows hourly periodic
> variations instead of diurnal variation. What is the reason ?
>
I've observed this as well, and my best guess is a multi-path effect,
causing very slow fringing.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

1130. Re: [Super_SID] Re: Downloading data files?

Yahoo group: Super_SID
Date: 2013-04-22 18:32:05 UTC
From: Deborah Scherrer
Topic: 1107 Message: 1130

Our programmer, Scott Winegarden, worked for quite some time on
these algorithms. I will ask if he would write up something on them.
However, given that our funding has been cut, there's not much chance
of getting this system in place...

Debbie

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> Best regards
> Eric
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> *? :* Deborah Scherrer <dscherrer@...>
> *Cc :* "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>;
> "supersid@..." <supersid@...>;
> Scott Winegarden <scottw@...>
> *Envoy? le :* Mardi 16 avril 2013 9h54
> *Objet :* Re: [Super_SID] Downloading data files?
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1131. Re: [Super_SID] Re: Downloading data files?

Yahoo group: Super_SID
Date: 2013-04-22 18:54:43 UTC
From: Steve Berl
Topic: 1107 Message: 1131

I could be as simple as sending out the code that calculates the data
quality value?

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analysis on my local data files.
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1132. Re: [Super_SID] Re: Downloading data files?

Yahoo group: Super_SID
Date: 2013-04-22 19:10:53 UTC
From: Deborah Scherrer
Topic: 1107 Message: 1132

OK, Steve, thanks. Am still trying to reach my student.

Debbie

On 4/22/13 11:54 AM, Steve Berl wrote:
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1133. Time delay in flare phenomenon of SID data

Yahoo group: Super_SID
Date: 2013-04-22 19:38:15 UTC
From: Kamran
Topic: 1133 Message: 1133

I have detected some of flares in my SID data while comparing it with GOES x-ray flares. But mostly I found some time delay in SID spikes (spikes are not in phase) as compared to solar flares of about one hour time range (JJI station data). Is this really flare phenomenon and if so what is the reason of this time delay in spikes of SID data and flare data?

1134. Re: [Super_SID] Time delay in flare phenomenon of SID data

Yahoo group: Super_SID
Date: 2013-04-22 19:43:24 UTC
From: Deborah Scherrer
Topic: 1133 Message: 1134

Most likely your computer clock is misadjusted. ;-)

Deborah

On 4/22/13 12:38 PM, Kamran wrote:
>
> I have detected some of flares in my SID data while comparing it with
> GOES x-ray flares. But mostly I found some time delay in SID spikes
> (spikes are not in phase) as compared to solar flares of about one
> hour time range (JJI station data). Is this really flare phenomenon
> and if so what is the reason of this time delay in spikes of SID data
> and flare data?
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1135. Data without diurnal pattern

Yahoo group: Super_SID
Date: 2013-04-23 19:12:28 UTC
From: Kamran
Topic: 1135 Message: 1135

I have seen that SID data of many stations do not show diurnal variations but some strange patterns daily, whereas sometimes solar flare detection is quite easy with it...What should be about the validity of this sort of datasets?

1136. Fw: [radiojove] Free radio astronomy books

Yahoo group: Super_SID
Date: 2013-04-25 16:26:42 UTC
From: WILLIAM & MELINDA LORD
Topic: 1136 Message: 1136

Here are three excellent books now available for free in PDF format.

http://archive.org/details/RadioExplorationOfThePlanetarySystem

http://archive.org/details/RadioExplorationOfTheSun

http://archive.org/details/RadioAstronomy_218

A quick search reveals many other books on radio astronomy are also available at
the archive.org site.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1137. UTC Offset used in the SupersID software

Yahoo group: Super_SID
Date: 2013-04-26 04:19:21 UTC
From: Ed Kane
Topic: 1137 Message: 1137

ALL,

I have a silly question about the UTC Offset used by the super SID software.

The question deals with the "UTC Offset" in both the configuration file and the daily "csv" data files. What happens within the Super SID software that would cause the UTC Offset entered in the config file to increase by 10 in the data file for the second and subsequent days - the csv file for the first day after a new launch shows the correct UTC Offset. For example, we entered a UTC Offset in our configuration file of"7" for "PST". We noticed that for the first recording day the "csv" file recorded after the "-7" the UTC offset was entered in the config file showed a UTC Offset of 7 as expected. The file recorded for the next day and subsequent (i.e the second and subsequent) days however, showed the UTC Offset to be 17. Please advise as to how the UTC Offset entered in the configuration file is altered before being written to the "daily" csv file?

Thanks in advance for your ideas.
Ed Kane

1138. Re: [Super_SID] UTC Offset used in the SupersID software

Yahoo group: Super_SID
Date: 2013-04-26 15:21:29 UTC
From: Andy
Topic: 1137 Message: 1138

-7 and +17 are almost the same. Well, not quite.

:-)

That is to say, it's not an increase of 10; it's an increase of 24, isn't it?

1139. Re: [Super_SID] UTC Offset used in the SupersID software

Yahoo group: Super_SID
Date: 2013-04-26 16:34:20 UTC
From: Steve Berl
Topic: 1137 Message: 1139

Adding 17 will give the same time as subtracting 7, but on a different day.

For the west coast of the US you want UTC -7

Steve

On Friday, April 26, 2013, Andy wrote:

> **
>
>
> -7 and +17 are almost the same. Well, not quite.
>
> :-)
>
> That is to say, it's not an increase of 10; it's an increase of 24, isn't
> it?
>
>
>
>

--
-steve

1140. April 26th 2013

Yahoo group: Super_SID
Date: 2013-04-27 03:13:26 UTC
From: Eric Gibert
Topic: 1140 Message: 1140
Attachments: 1 described; binary payloads are missing from this source WARC

Nice events yesterday from Singapore: please check the attached PDF.

```
17280 points plotted after reading ../Data/DAISYSG_JJI_2013-04-26.csv
9610 0422 0427 0430 C2.5
9660 0620 0627 0631 C7.0
9680 0824 0827 0830 C1.5
9690 0851 0857 0901 C3.4
9730 1241 1257 1300 C3.5
9760 1534 1543 1614 C4.4
9770 1705 1710 1713 C1.7
9790 1823 1828 1836 C2.3
9800 2059 2117 2134 C2.7
9 XRA events recorded by NOAA on 20130426
17280 points plotted after reading ../Data/DAISYSG_NWC_2013-04-26.csv
```

1141. Re: April 26th 2013

Yahoo group: Super_SID
Date: 2013-04-28 15:59:50 UTC
From: rms3ru
Topic: 1140 Message: 1141

```
--- In Super_SID@yahoogroups.com, "Eric Gibert" <ericgibert@...> wrote:
>
> Nice events yesterday from Singapore: please check the attached PDF.
>
> 17280 points plotted after reading ../Data/DAISYSG_JJI_2013-04-26.csv
> 9610 0422 0427 0430 C2.5
> 9660 0620 0627 0631 C7.0
> 9680 0824 0827 0830 C1.5
> 9690 0851 0857 0901 C3.4
> 9730 1241 1257 1300 C3.5
> 9760 1534 1543 1614 C4.4
> 9770 1705 1710 1713 C1.7
> 9790 1823 1828 1836 C2.3
> 9800 2059 2117 2134 C2.7
> 9 XRA events recorded by NOAA on 20130426
> 17280 points plotted after reading ../Data/DAISYSG_NWC_2013-04-26.csv
>
In Russia, Kursk region NPM 21.40 KHz taken at 499!
```

1142. Re: [Super_SID] Digest Number 404

Yahoo group: Super_SID
Date: 2013-04-26 14:25:12 UTC
From: Wayne Westlake
Topic: 1142 Message: 1142

Thanks Bill!

Wayne
On Apr 26, 2013 12:35 AM, <Super_SID@yahoogroups.com> wrote:

> **
> [image: Yahoo! Groups] <http://groups.yahoo.com/;_ylc=X3oDMTJlcGprc2RpBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM2Njk2MTcxMA--
>
> Stanford & SARA SuperSID Group <http://groups.yahoo.com/group/Super_SID;_ylc=X3oDMTJlNTZyajNpBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDaGRyBHNsawNocGgEc3RpbWUDMTM2Njk2MTcxMA-->
> 1 New Message
> Digest #404
> 1
> Fw: [radiojove] Free radio astronomy books <#13e4544701b4a338_1> by
> "WILLIAM & MELINDA LORD" AP_GUARDIAN
>
> Message
> 1 Fw: [radiojove] Free radio astronomy books <http://groups.yahoo.com/group/Super_SID/message/1136;_ylc=X3oDMTJyNDMxaGc3BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMTM2BHNlYwNkbXNnBHN0aW1lAzEzNjY5NjE3MTA->
> Thu Apr 25, 2013 9:26 am (PDT) . Posted by: "WILLIAM & MELINDA LORD"
> AP_GUARDIAN <ap_guardian@...?subject=Re%3A%20Fw%3A%20%5Bradiojove%5D%20Free%20radio%20astronomy%20books>
>
> Here are three excellent books now available for free in PDF format.
>
> http://archive.**org/details/**RadioExploration**OfThePlanetarySy**stem<http://archive.org/details/RadioExplorationOfThePlanetarySystem>
>
> http://archive.**org/details/**RadioExploration**OfTheSun<http://archive.org/details/RadioExplorationOfTheSun>
>
> http://archive.**org/details/**RadioAstronomy_**218<http://archive.org/details/RadioAstronomy_218>
>
> A quick search reveals many other books on radio astronomy are also
> available at
> the archive.org site.
>
> Bill & Melinda Lord
> www.tnSkyNet.**com
> www.radio-astronomy**.org
>

> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
> Reply to sender <ap_guardian@...?subject=Re%3A%20Fw%3A%20%5Bradiojove%5D%20Free%20radio%20astronomy%20books> . Reply to group <Super_SID@yahoogroups.com?subject=Re%3A%20Fw%3A%20%5Bradiojove%5D%20Free%20radio%20astronomy%20books> . Reply via Web Post <http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJyYjdxNzFwBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMTM2BHNlYwNkbXNnBHNsawNycGx5BHN0aW1lAzEzNjY5NjE3MTA-?act=reply&messageNum=1136> . All Messages (1) <http://groups.yahoo.com/group/Super_SID/message/1136;_ylc=X3oDMTM2ajI1ZmNsBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMTM2BHNlYwNkbXNnBHNsawN2dHBjBHN0aW1lAzEzNjY5NjE3MTAEdHBjSWQDMTEzNg--> . Top
> ^ <#13e4544701b4a338_toc>
> Visit Your Group <http://groups.yahoo.com/group/Super_SID;_ylc=X3oDMTJmMHMxcnY3BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzNjY5NjE3MTA->
> > <http://groups.yahoo.com/group/Super_SID;_ylc=X3oDMTJmMHMxcnY3BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzNjY5NjE3MTA->
> View All Topics <http://groups.yahoo.com/group/Super_SID/messages;_ylc=X3oDMTJnZWV1anVxBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZG1zZwRzbGsDYXRwYwRzdGltZQMxMzY2OTYxNzEw?xm=1&m=p&tidx=1>
> > <http://groups.yahoo.com/group/Super_SID/messages;_ylc=X3oDMTJnZWV1anVxBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZG1zZwRzbGsDYXRwYwRzdGltZQMxMzY2OTYxNzEw?xm=1&m=p&tidx=1>
> Create New Topic <http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJndXUxM2g4BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZG1zZwRzbGsDbnRwYwRzdGltZQMxMzY2OTYxNzEw>
> > <http://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJndXUxM2g4BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZG1zZwRzbGsDbnRwYwRzdGltZQMxMzY2OTYxNzEw>
> 4 New Members
> <http://groups.yahoo.com/group/Super_SID/members;_ylc=X3oDMTJnYmhzNjBjBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMzY2OTYxNzEw?o=6>
> > <http://groups.yahoo.com/group/Super_SID/members;_ylc=X3oDMTJnYmhzNjBjBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMzY2OTYxNzEw?o=6>
> We are making changes based on your feedback, Thank you !
> Submit Feedback
<ygroupsnotifications@yahoogroups.com?subject=Feedback+on+the+redesigned+daily+digest+v4>
> >
<ygroupsnotifications@yahoogroups.com?subject=Feedback+on+the+redesigned+daily+digest+v4>
> The Yahoo! Groups Product Blog
> Check it out! <http://www.ygroupsblog.com/blog/>
> > <http://www.ygroupsblog.com/blog/>
> [image: Yahoo! Groups]
> <http://groups.yahoo.com/;_ylc=X3oDMTJlcGprc2RpBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM2Njk2MTcxMA-->
> CHANGE SETTINGS
> <http://groups.yahoo.com/group/Super_SID/join;_ylc=X3oDMTJnZGMwcTU4BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNzdG5ncwRzdGltZQMxMzY2OTYxNzEw>
> > <http://groups.yahoo.com/group/Super_SID/join;_ylc=X3oDMTJnZGMwcTU4BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNzdG5ncwRzdGltZQMxMzY2OTYxNzEw>

> TERMS OF USE <http://docs.yahoo.com/info/terms/>
> > <http://docs.yahoo.com/info/terms/>
> UNSUBSCRIBE <Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> > <Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>

1143. Nice M3 just at sunrise (in Singapore)

Yahoo group: Super_SID
Date: 2013-05-11 06:31:54 UTC
From: Eric Gibert
Topic: 1143 Message: 1143
Attachments: 1 described; binary payloads are missing from this source WARC

```
17280 points plotted after reading ../Data/DAISYSG_JJI_2013-05-10.csv
3560 0044 0057 0108 M3.9
3590 0240 0244 0247 C3.1
3600 0257 0301 0306 C2.1
3610 0401 0407 0414 C1.9
3640 0506 0509 0515 C1.2
3700 0944 0950 0956 C1.8
3710 1237 1256 1304 M1.3
3720 1430 1437 1442 C2.5
3740 1630 1643 1725 C2.5
3780 2235 2242 2248 C1.8
10 XRA events recorded by NOAA on 20130510
17280 points plotted after reading ../Data/DAISYSG_NWC_2013-05-10.csv
```

1144. Fwd: GRB130427

Yahoo group: Super_SID
Date: 2013-05-11 19:55:05 UTC
From: Deborah Scherrer
Topic: 1144 Message: 1144
Attachments: 5 described; binary payloads are missing from this source WARC

Anybody want to check this out? (Sorry, Brian, can't get your data into my sid system without real pain...)

Debbie

-------- Original Message --------
Subject: GRB130427
Date: Thu, 9 May 2013 16:25:01 +0200
From: Brian Fraser <fraserb@...>
To: 'Deborah Scherrer' <deborah@...>

Hi Debbie,
I think I caught the GRB of 2013/4/27 on some of my log files.
It was shortly before 10 UT on my system.
Regards
Brian Fraser

1145. Fwd: EMAG, data-picture 2012

Yahoo group: Super_SID
Date: 2013-05-11 20:06:46 UTC
From: Deborah Scherrer
Topic: 1145 Message: 1145
Attachments: 1 described; binary payloads are missing from this source WARC

One of our colleagues in Germany sent this in. I think it's an awesome representation
of a year's worth of SID data!!! Don Rice has done a similar thing. Really gives an
excellent overview of seasonal changes. KarlHeinz says they also have similar
graphs for 2008-2011. Might make the beginnings of an interesting research project.

Debbie

-------- Original Message --------
Subject: EMAG, data-picture 2012
Date: Sat, 23 Mar 2013 18:06:21 +0100
From: Eckelt <eckelt-bergen@...>
To: dscherrer@...

Hello Deborah,
in the appendix you find a "picture" with all my data from 2012 (EMAG; I receive NAA).
You can realize the three minima in the morning and usually two in the evening, the blackouts of Cutler and different other facts.
This picture was made by Mister Dieter Keuer (Leibniz-Institut f?r Atmosph?renphysik). He also makes the pictures from 2008 - 2011.
If you want, I will will send it to you.

Best regards,
KarlHeinz

1146. Re: [Super_SID] Fwd: EMAG, data-picture 2012 [1 Attachment]

Yahoo group: Super_SID
Date: 2013-05-11 22:09:39 UTC
From: Steve Berl
Topic: 1145 Message: 1146

It would be cool to see how these change year over year as we go through
solar min and solar max.

Does someone have the code to create these graphs?

-steve

On Sat, May 11, 2013 at 1:06 PM, Deborah Scherrer <
dscherrer@solar.stanford.edu> wrote:

> **
>
> [Attachment(s) <#13e95348c245f22d_TopText> from Deborah Scherrer
> included below]
>
> One of our colleagues in Germany sent this in. I think it's an awesome
> representation
> of a year's worth of SID data!!! Don Rice has done a similar thing.
> Really gives an
> excellent overview of seasonal changes. KarlHeinz says they also have
> similar
> graphs for 2008-2011. Might make the beginnings of an interesting
> research project.
>
> Debbie
>
>
> -------- Original Message -------- Subject: EMAG, data-picture 2012 Date:
> Sat, 23 Mar 2013 18:06:21 +0100 From: Eckelt <eckelt-bergen@...><eckelt-bergen@...> To:
> dscherrer@...
>
> Hello Deborah,
> in the appendix you find a "picture" with all my data from 2012 (EMAG; I
> receive NAA).
> You can realize the three minima in the morning and usually two in the
> evening, the blackouts of Cutler and different other facts.
> This picture was made by Mister Dieter Keuer (Leibniz-Institut für
> Atmosphärenphysik). He also makes the pictures from 2008 - 2011.
> If you want, I will will send it to you.
>
> Best regards,
> KarlHeinz
>
>
>
>

>
>
>
>

--
-steve

1147. Fwd: Re: Fwd: EMAG, data-picture 2012

Yahoo group: Super_SID
Date: 2013-05-12 15:28:10 UTC
From: Deborah Scherrer
Topic: 1147 Message: 1147
Attachments: 4 described; binary payloads are missing from this source WARC

More from my German friend. Very intriguing plots...

Debbie

-------- Original Message --------
Subject: Re: Fwd: EMAG, data-picture 2012
Date: Sun, 12 May 2013 17:18:01 +0200
From: Eckelt <eckelt-bergen@...>
To: dscherrer@...

Am 11.05.2013 22:06, schrieb Deborah Scherrer:
> One of our colleagues in Germany sent this in. I think it's an
> awesome representation
> of a year's worth of SID data!!! Don Rice has done a similar
> thing. Really gives an
> excellent overview of seasonal changes. KarlHeinz says they also have
> similar
> graphs for 2008-2011. Might make the beginnings of an interesting
> research project.
>
> Debbie
>
>
> -------- Original Message --------
> Subject: EMAG, data-picture 2012
> Date: Sat, 23 Mar 2013 18:06:21 +0100
> From: Eckelt <eckelt-bergen@...>
> To: dscherrer@...
>
>
>
> Hello Deborah,
> in the appendix you find a "picture" with all my data from 2012 (EMAG; I
> receive NAA).
> You can realize the three minima in the morning and usually two in the
> evening, the blackouts of Cutler and different other facts.
> This picture was made by Mister Dieter Keuer (Leibniz-Institut f?r
> Atmosph?renphysik). He also makes the pictures from 2008 - 2011.
> If you want, I will will send it to you.
>
> Best regards,
> Karl-Heinz
>
>
>

>
>

Hello Deborah,
you find my pictures from 2008 - 2011 in the appendix again.
>From 31.03.2011 to 13.04.2011 my Computer-Clock was wrong (1 hour).
This mistake you can see directly in the picture of 2011.
At a glance you also can see the disturbances in January and February 2008 and the beginning mark of the October-Effekt.
I?m glad, when I can help you with my data and my thougts.

Best regards,
Karl-Heinz.

1148. Re: [Super_SID] Re: Downloading data files?

Yahoo group: Super_SID
Date: 2013-05-12 17:01:40 UTC
From: Deborah Scherrer
Topic: 1107 Message: 1148

Steve, I haven't forgotten about this. Am trying to find a way to hire my student back for a little while to get this code out.

Debbie

On 4/22/13 11:54 AM, Steve Berl wrote:
> I could be as simple as sending out the code that calculates the data
> quality value?
>
> I'd hope to use that to create a tool to calculate that and similar
> data analysis on my local data files.
> If it works, I'd be happy to share with the rest of the list.
>
> -steve
>
>
> On Mon, Apr 22, 2013 at 11:32 AM, Deborah Scherrer
> <dscherrer@... <mailto:dscherrer@...>>
> wrote:
>
> Our programmer, Scott Winegarden, worked for quite some time on
> these algorithms. I will ask if he would write up something on them.
> However, given that our funding has been cut, there's not much chance
> of getting this system in place...
>
> Debbie
>
>
> On 4/17/13 6:08 PM, Steve Berl wrote:
>>
>> Knowing the time of sunrise or sunset is only part of the
>> problem. Recognizing the shape of the signal strength curve and
>> that it "looks like" a sunrise curve is the part I would like to
>> see how it is done.
>>
>>
>> Steve
>>
>> On Wednesday, April 17, 2013, Eric Gibert wrote:
>>
>> It is easy to import pyephem. Location shall use the
>> coordinate of the data file, the date is also found on the
>> header, then sunset and sunrise are provided by a simple
>> method call.
>>

>> Download and tutorial on http://rhodesmill.org/pyephem/
>>
>> Best regards
>> Eric
>> --
>> *De :* Steve Berl <steveberl@...>
>> *? :* Deborah Scherrer <dscherrer@...>
>> *Cc :* "Super_SID@yahoogroups.com"
>> <Super_SID@yahoogroups.com>; "supersid@..."
>> <supersid@...>; Scott Winegarden
>> <scottw@...>
>> *Envoy? le :* Mardi 16 avril 2013 9h54
>> *Objet :* Re: [Super_SID] Downloading data files?
>>
>> I'd be interested in the nitty gritty of the algorithm for
>> detecting the sunrise/sunset signatures.
>>
>> Perhaps it would be useful as a tool for end users to help
>> them select which stations to monitor?
>> I've already been thinking about a config file validator, and
>> a data file validator would fit right in.
>>
>> I would also be able to help other sites to improve the
>> quality of their data.
>>
>> -steve
>>
>>
>> On Mon, Apr 15, 2013 at 5:10 PM, Deborah Scherrer
>> <dscherrer@...> wrote:
>>
>> Yes, our software adds the DataMin and DataMax fields to
>> help us scale the plots.
>>
>> The dataquality things are a longer story. Once we
>> started to receive a lot of
>> SuperSID data files, we noticed that many of them showed
>> either very noisy
>> or just plain bad data. What we'd commonly see what a new
>> site came is
>> was files from monitoring 6 transmitter sites. Of those,
>> 2 or 3 would
>> show a good sunrise/set signature and the other 3-4 would
>> be bad,
>> i.e. not aligned with the signal, data. This was
>> happening so often that
>> we looked into ways to validate the quality of the data.
>>
>> My programmer, Scott Winegarden, played around with
>> several algorithms to

>> detect a valid sunrise/set signature and distinguish the
>> reasonable data from
>> the others than were essentially noise. He eventually
>> found some that worked
>> pretty well.
>>
>> The initial goal was to use this information
>> to contact the various sites, letting them know that they
>> were picking up very
>> good signals from some transmitters, but noisy or bad
>> ones from the others.
>>
>> The code for these algorithms actually works and has been
>> tested. However, to make the
>> feature useful, I still need to change the data
>> processing software to include the new
>> keywords and run the code on incoming data. I also need
>> to set up a run-through of
>> all our existing data to get it analyzed as well.
>>
>> I was essentially set to add those changes when we lost
>> funding for Scott, and any other
>> student helpers. At this point I realized that, even if
>> we could determine quality data
>> from noise, there was no one here to contact the various
>> sites and work with them
>> to improve their data. So I never got around to
>> implementing the code.
>>
>> If you, i.e. the people in the SID community, think this
>> would be valuable information
>> to have, I could (eventually) get the code finished. It
>> would be most useful if people
>> were also willing to work with their colleagues to clean
>> up the various data.
>>
>> Let me know what you think. Currently it's pretty low
>> priority on my (almost endless)
>> To-Do List. ;-)
>>
>> Debbie
>>
>>
>>
>> On 4/1/13 9:38 AM, Steve Berl wrote:
>>> Hi Everyone,
>>>
>>> If I download data files from
>>> sid.stanford.edu/database-browser
>>> <http://sid.stanford.edu/database-browser>, it contains

>>> a few fields that I don't understand.
>>>
>>> I'm going to guess that DataMin and DataMax are the max
>>> and min values of the data in this file, which might be
>>> useful for scaling plots, etc.
>>>
>>> What are dataquality_average_v0.1 and dataquality_max_v0.1?
>>>
>>> Thanks in advance,
>>> --
>>> -steve
>>
>>
>>
>>
>> --
>> -steve
>>
>>
>>
>>
>> --
>> -steve
>
>
>
>
> --
> -steve
>

1149. Fwd: ALERT: X-ray Flux exceeded M5 (R2)

Yahoo group: Super_SID
Date: 2013-05-13 03:06:20 UTC
From: Nicholas Gross
Topic: 1149 Message: 1149

Looks like and X-class flare is underway
http://www.swpc.noaa.gov/today.html#xray

-------- Original Message --------
Subject: ALERT: X-ray Flux exceeded M5 (R2)
Date: Mon, 13 May 2013 02:06:49 +0000
From: SWPC Product Subscription Service <SWPC.Products@...>
To: <gross@...>

Space Weather Message Code: ALTXMF
Serial Number: 187
Issue Time: 2013 May 13 0206 UTC

ALERT: X-Ray Flux exceeded M5
Threshold Reached: 2013 May 13 0204 UTC
NOAA Scale: R2 - Moderate

NOAA Space Weather Scale descriptions can be found at
www.swpc.noaa.gov/NOAAscales

Potential Impacts: Area of impact centered on sub-solar point on the sunlit side of Earth. Extent of blackout of HF (high frequency) radio communication dependent upon current X-ray Flux intensity. For real-time information on affected area and expected duration please see http://www.swpc.noaa.gov/drap/index.html.

Thank you for using the Product Subscription Service. If you would like
to remove a product subscription or update the personal information in
your account, go to the Product Subscription Site.
<https://pss.swpc.noaa.gov> Please do not use the from address for
correspondence, as it is not monitored. For comments or help, please
contact SWPC Help. <mailto:pss.help@...>

1150. Fwd: Extraneous signals on SID monitors

Yahoo group: Super_SID
Date: 2013-05-16 05:30:33 UTC
From: Deborah Scherrer
Topic: 1150 Message: 1150

Any responses?

Deborah

-------- Original Message --------
Subject: Extraneous signals on SID monitors
Date: Wed, 15 May 2013 22:11:35 -0700
From: Al Moreno <almoreno1916@...>
To: sid@...

Back in the '30s and '40s, the University of Florida, in a series of experiments originally set up to attempt to locate hurricanes and later, at the request of the U. S. Signal Corps, used (with three station triangularization) to locate lightning storms. The direction of arrival of a 10 khz. signal was measured at three locations. I was personally involved in the latter trials. The idea was to perform better weather forecasting in the Western Pacific during WWII, where weather reporting stations were few and far between.

It seems to me that your equipment would be sensitive to the same static signals from the lightning, and I was wondering just how much trouble this storm interference caused your experiments.

C. Albert Moreno
6350 Riverside Blvd., Apt. 335
Sacramento, CA 95831
almoreno1916@... <mailto:almoreno1916@...>
(formerly Asst. Prof E.E., Univ. of Fla.)

1151. RE: [Super_SID] Fwd: Extraneous signals on SID monitors

Yahoo group: Super_SID
Date: 2013-05-16 07:59:06 UTC
From: Brian Fraser
Topic: 1150 Message: 1151

When I look at my daily plots I have long suspected that electrical storms in the signal are responsible for some of the noise. Since I am more than 10,000 kms from the transmitter I assume that there is probably one storm between us at any given time. If only I had some way of getting info on major storms over the track. It is an interesting point that I would like to follow up on.

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Deborah Scherrer
Sent: Thursday, May 16, 2013 7:31 AM
To: Super_SID@yahoogroups.com
Cc: almoreno1916@...
Subject: [Super_SID] Fwd: Extraneous signals on SID monitors

Any responses?

Deborah

-------- Original Message --------

Subject:

Extraneous signals on SID monitors

Date:

Wed, 15 May 2013 22:11:35 -0700

From:

Al Moreno <mailto:almoreno1916@...> <almoreno1916@...>

To:

sid@...

Back in the '30s and '40s, the University of Florida, in a series of experiments originally set up to attempt to locate hurricanes and later, at the request of the U. S. Signal Corps, used (with three station triangularization) to locate lightning storms. The direction of arrival of a 10 khz. signal was measured at three locations. I was personally involved in the latter trials. The idea was to perform better weather forecasting in the Western Pacific during WWII, where weather reporting stations were few and far between.

It seems to me that your equipment would be sensitive to the same static signals from the lightning, and I was wondering just how much trouble this

storm interference caused your experiments.

C. Albert Moreno
6350 Riverside Blvd., Apt. 335
Sacramento, CA 95831
almoreno1916@...
(formerly Asst. Prof E.E., Univ. of Fla.)

1152. Volunteers Needed for RA at Space Jam

Yahoo group: Super_SID
Date: 2013-05-22 14:51:00 UTC
From: WILLIAM & MELINDA LORD
Topic: 1152 Message: 1152

Hi Folks,

We (SARA) have been invited to set up a
radio astronomy display for over 2000 scouts and their leaders at
Space Jamboree August 2-4 2013 at the Chanute
Air Museum in Rantuol, IL. WEED NEED VOLUNTEERS TO HELP WITH THIS EVENT. You do not need to be a SARA member to participate.

We have equipment to set up a complete
Radio Jove with dual dipole, SuperSid, Inspire and IBT. What we need are volunteers
to demonstrate the equipment and answer the scouts questions.

This is a terrific opportunity to reach
a large number of young people. Please contact me if you are able to
help.

Below is some information from event
organizer Brian Walker.

“You are on staff... no fee, Yes you
can camp, or RV, or hotel (that would have a fee), Yes we have on
site food vendors, yes you can cook your own or eat off site... no
ground fires, but camp stoves are fine.

We rent out the airport, there is a lot of grass field area you camp in, you can pick your own area and neighbors (we don't put lines in the grass, and say you must camp xyz). There are a few spots with power and water. We have porta potty's. It can be hot, or wet, or windy, or beautiful... you just have to be ready for anything weather wise... it has never been cold... Let me know how many you will have, and their names, and I will get that info to the registration desk.

Things start happening at 5pm Friday,
Saturday is the big day, and Sunday is low key with everyone gone by
10 am or noon...”

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1153. 2013 April 27 possible GRB

Yahoo group: Super_SID
Date: 2013-05-24 13:41:30 UTC
From: starman0955
Topic: 1153 Message: 1153

I would like to request observers in the eastern hemisphere to examine their dat of 2013/04/27 at around 0700 to 1000 UT to check if there was a strong spike picked up at around that time. Positive AND negative results are eagerly requested. Many thanks.

1154. Re: [Super_SID] 2013 April 27 possible GRB

Yahoo group: Super_SID
Date: 2013-05-24 22:31:06 UTC
From: Steve Berl
Topic: 1153 Message: 1154

http://sid.stanford.edu/database-browser/browse.jsp?date=2013-04-27T00.00.00

-steve

On Fri, May 24, 2013 at 6:41 AM, starman0955 <fraserb@intekom.co.za> wrote:

> **
>
>
> I would like to request observers in the eastern hemisphere to examine
> their dat of 2013/04/27 at around 0700 to 1000 UT to check if there was a
> strong spike picked up at around that time. Positive AND negative results
> are eagerly requested. Many thanks.
>
>
>

--
-steve

1155. RE: [Super_SID] 2013 April 27 possible GRB

Yahoo group: Super_SID
Date: 2013-05-25 08:40:28 UTC
From: Brian Fraser
Topic: 1153 Message: 1155

Thanks for this link Steve.

There are a number of stations that seem to have caught the same event at about 0827 UT but probably did not associate it with a GRB.

Brian

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Steve Berl
Sent: Saturday, May 25, 2013 12:31 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] 2013 April 27 possible GRB

http://sid.stanford.edu/database-browser/browse.jsp?date=2013-04-27T00.00.00

-steve

On Fri, May 24, 2013 at 6:41 AM, starman0955 <fraserb@...> wrote:

I would like to request observers in the eastern hemisphere to examine their dat of 2013/04/27 at around 0700 to 1000 UT to check if there was a strong spike picked up at around that time. Positive AND negative results are eagerly requested. Many thanks.

--
-steve

1156. Fw: Troubleshooting

Yahoo group: Super_SID
Date: 2013-05-28 20:44:25 UTC
From: WILLIAM & MELINDA LORD
Topic: 1156 Message: 1156
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Folks,
We are way behind in answering e-mails, can someone help Adam with his questions?

Thanks,

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

----- Forwarded Message -----
From: Adam Donaldson <ad14213@...>
To: WILLIAM & MELINDA LORD <ap_guardian@...>
Sent: Saturday, May 25, 2013 5:33 PM
Subject: Troubleshooting

Hello again,

The group has been working hard to put together the sid monitor and all the side work we have before the end of school. However, we've been experiencing some issues. I've included a picture of what our data appears as, as it's nothing like what the samples look like. I have a couple of ideas as to what might be happening; most of them having to do with our antenna. I'd like to hear a more experienced opinion though before I inform my group and we continue with troubleshooting.

sid mon.png : shows one moment during the daytime, ant is located laying flat on roof (not perfectly horizontal or vertical, more horizontal than vertical). the bumps to the right half are what we experience at the school site, though the sharp peaks you see don't normally appear at the site. I've identified one of the peaks as probably being NPM 21.4kHz

sid mon2.png : shows the buffer data for most of the day 5/25/13. the antenna was moved to its roof position around 20:50 UTC (15:50 CST). You should notice a significant drop. the previous data was recorded with the antenna lying flat on the ground. I've hypothesized that the drop has to do with a lowered effect from ground waves.

Note: my site at home, where I did the testing and captured these images, is less than 2 miles from a 550kHz AM broadcast site.

- Adam Donaldson KC9VIV

1157. Re: [Super_SID] Fw: Troubleshooting [2 Attachments]

Yahoo group: Super_SID
Date: 2013-05-28 20:57:04 UTC
From: Steve Berl
Topic: 1156 Message: 1157

Hi Adam,

In the spectrum view, that humpy pattern at the high end probably indicates that the audio input levels are set too high and that the audio is being clipped. Go into the sound control panel and hunt around for a place to set the audio input levels. There is some sort of slider, and some sort of level meter.

Also, the sharp drop off of the spectrum at 24 kHz might be because your sampling rate might be set to 48 kHz instead of 96kHz. Again, digging around in the sound control you will find that setting.

-steve

On Tue, May 28, 2013 at 1:44 PM, WILLIAM & MELINDA LORD <
ap_guardian@yahoo.com> wrote:

> **
>
> [Attachment(s) <#13eece29f9fa7dff_TopText> from WILLIAM & MELINDA LORD
> included below]
>
> Hi Folks,
> We are way behind in answering e-mails, can someone help Adam with his
> questions?
>
> Thanks,
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ----- Forwarded Message -----
> *From:* Adam Donaldson <ad14213@...>
> *To:* WILLIAM & MELINDA LORD <ap_guardian@...>
> *Sent:* Saturday, May 25, 2013 5:33 PM
> *Subject:* Troubleshooting
>
> Hello again,
>
> The group has been working hard to put together the sid monitor and all
> the side work we have before the end of school. However, we've been
> experiencing some issues. I've included a picture of what our data appears

> as, as it's nothing like what the samples look like. I have a couple of
> ideas as to what might be happening; most of them having to do with our
> antenna. I'd like to hear a more experienced opinion though before I inform
> my group and we continue with troubleshooting.
>
> sid mon.png : shows one moment during the daytime, ant is located laying
> flat on roof (not perfectly horizontal or vertical, more horizontal than
> vertical). the bumps to the right half are what we experience at the school
> site, though the sharp peaks you see don't normally appear at the site.
> I've identified one of the peaks as probably being NPM 21.4kHz
>
> sid mon2.png : shows the buffer data for most of the day 5/25/13. the
> antenna was moved to its roof position around 20:50 UTC (15:50 CST). You
> should notice a significant drop. the previous data was recorded with the
> antenna lying flat on the ground. I've hypothesized that the drop has to do
> with a lowered effect from ground waves.
>
> Note: my site at home, where I did the testing and captured these images,
> is less than 2 miles from a 550kHz AM broadcast site.
>
> - Adam Donaldson KC9VIV
>
>
>
>

--
-steve

1158. Re: [Super_SID] Fw: Troubleshooting [2 Attachments]

Yahoo group: Super_SID
Date: 2013-05-29 15:37:58 UTC
From: Steve Berl
Topic: 1156 Message: 1158

Great to hear.

Do you see any differences when the laptop is plugged in vs running on batteries? Laptop power supplies are sometimes very noisy.

-steve

On Wed, May 29, 2013 at 7:27 AM, Adam Donaldson <ad14213@...e.k12.wi.us> wrote:

> Great, thanks Steve! It seems to be working well now. We're still waiting
> here for our actual station PC to get 'imaged' by the administrator (we're
> running off a laptop right). It looks like it's working for now!
>
>
> On Tue, May 28, 2013 at 3:57 PM, Steve Berl <steveberl@...> wrote:
>
>> Hi Adam,
>>
>> In the spectrum view, that humpy pattern at the high end probably
>> indicates that the audio input levels are set too high and that the audio
>> is being clipped. Go into the sound control panel and hunt around for a
>> place to set the audio input levels. There is some sort of slider, and some
>> sort of level meter.
>>
>> Also, the sharp drop off of the spectrum at 24 kHz might be because your
>> sampling rate might be set to 48 kHz instead of 96kHz. Again, digging
>> around in the sound control you will find that setting.
>>
>> -steve
>>
>>
>> On Tue, May 28, 2013 at 1:44 PM, WILLIAM & MELINDA LORD <
>> ap_guardian@...m> wrote:
>>
>>> **
>>>
>>> [Attachment(s)<#13ef0afac2ad1a47_13eecee11c25e7e3_13eece29f9fa7dff_TopText>from
WILLIAM & MELINDA LORD included below]
>>>
>>> Hi Folks,
>>> We are way behind in answering e-mails, can someone help Adam with his
>>> questions?
>>>
>>> Thanks,
>>>

>>> Bill & Melinda Lord
>>> www.tnSkyNet.com
>>> www.radio-astronomy.org
>>>
>>> Light travels faster than sound. This is why some people appear bright
>>> until you hear them speak. :-)
>>>
>>> ----- Forwarded Message -----
>>> *From:* Adam Donaldson <ad14213@...>
>>> *To:* WILLIAM & MELINDA LORD <ap_guardian@...>
>>> *Sent:* Saturday, May 25, 2013 5:33 PM
>>> *Subject:* Troubleshooting
>>>
>>> Hello again,
>>>
>>> The group has been working hard to put together the sid monitor and all
>>> the side work we have before the end of school. However, we've been
>>> experiencing some issues. I've included a picture of what our data appears
>>> as, as it's nothing like what the samples look like. I have a couple of
>>> ideas as to what might be happening; most of them having to do with our
>>> antenna. I'd like to hear a more experienced opinion though before I inform
>>> my group and we continue with troubleshooting.
>>>
>>> sid mon.png : shows one moment during the daytime, ant is located laying
>>> flat on roof (not perfectly horizontal or vertical, more horizontal than
>>> vertical). the bumps to the right half are what we experience at the school
>>> site, though the sharp peaks you see don't normally appear at the site.
>>> I've identified one of the peaks as probably being NPM 21.4kHz
>>>
>>> sid mon2.png : shows the buffer data for most of the day 5/25/13. the
>>> antenna was moved to its roof position around 20:50 UTC (15:50 CST). You
>>> should notice a significant drop. the previous data was recorded with the
>>> antenna lying flat on the ground. I've hypothesized that the drop has to do
>>> with a lowered effect from ground waves.
>>>
>>> Note: my site at home, where I did the testing and captured these
>>> images, is less than 2 miles from a 550kHz AM broadcast site.
>>>
>>> - Adam Donaldson KC9VIV
>>>
>>>
>>>
>>>
>>
>>
>>
>> --
>> -steve
>>
>

>

--
-steve

1159. Re: SuperSID Enquiry

Yahoo group: Super_SID
Date: 2013-05-29 22:03:48 UTC
From: WILLIAM & MELINDA LORD
Topic: 1159 Message: 1159

Hi Folks,

Maybe someone has other ideas that can help Olga out. It looks like something happens that causes the SuperSID program to lose the sound card settings.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Olga <olga.panades@...>
To: WILLIAM & MELINDA LORD <ap_guardian@yahoo.com>
Sent: Sunday, May 12, 2013 1:52 PM
Subject: Re: SuperSID Enquiry

Hello,

Yes it is set at 5. Does it look to you like a memory problem? I might set it change the log interval to see if the length of recordings varies.

thanks again!

On 11 May 2013 18:55, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

>
>Hi Olga,
>
>Look at your config file. Do you see log_interval = 5 or do you have a different number? It must be set at 5.
>
>Bill & Melinda Lord
>www.tnSkyNet.com
>www.radio-astronomy.org
>
>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
>
>From: Olga <olga.panades@...>
>To: WILLIAM & MELINDA LORD <ap_guardian@...>
>Sent: Friday, May 10, 2013 11:39 AM
>Subject: Re: SuperSID Enquiry
>
>

>
>Dear Bill and Melinda,
>
>
>As far as I can tell there is only one soundcard on this computer. See screenshot of soundcard list on the terminal window.
>
>
>I have also done a test with a different computer in the lab (same specs). What I have discovered is that recordings stop always after 34h and 8 minutes exactly. This has happened in different days and diff computers. I've checked all my recordings and they all stopped exactly after 34h 8min.
>
>
>Do you have any idea why that would be? Do you think it could have to do with the buffer size, with it not emptying after dumping to file and getting full?
>
>
>Thank you very much for your help in this.
>
>Best wishes,
>
>Olga
>
>
>
>
>
>
>
>On 2 May 2013 15:48, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
>Olga,
>>Do you have more than one sound card on this computer? Do you ever use a web cam with this computer?
>>
>>
>>This looks like you use a second sound card, but something happens or changes and the system defaults to the motherboard sound card and you do not get data from the SUperSID.
>>
>>Bill & Melinda Lord
>>http://www.tnskynet.com/
>>http://www.radio-astronomy.org/
>>
>>
>>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>>
>>
>>From: Olga <olga.panades@...>
>>To: WILLIAM & MELINDA LORD <ap_guardian@...>

>>Sent: Thursday, May 2, 2013 5:16 AM
>>Subject: Re: SuperSID Enquiry
>>
>>
>>
>>Dear Bill and Melinda,
>>
>>I have been struggling with an error with the SuperSID and thought you might have come across something similar and might be able to give some advice.
>>
>>My system is located in the Goldsmiths University campus in London (UK). In previous emails I sent you plots that you thought looked good enough to be able to detect and SID. See for instance attached "3-stations-14Feb13.png".
>>
>>I now have encountered two problems, which I think are unrelated. I think they are unrelated because I've experienced Prob 1 for a while without encountering Prob 2.
>>
>>PROBLEM NUM 1. Recordings stop
>>When I leave the system recording for a few days and come back I find an error message saying "Failed to read data from PortAudio". I have never been able to complete 2 rounds of 24 hours. After it completes one day, it keeps recording for some hours but then it always fails at some point before it completes the next day. I'm
giving a detailed account on what happened from April 30th til May 2nd below in case you have time to have a look and it is helpful.
>>
>>PROBLEM NUM 2. The signal goes flat
>>Lately when I come back to it after some days I find the spectrum looks weird. There are no radio station signals and there is a range of frequencies visible in the middle of the spectrum. Do you recognise this shape? Do you have any ideas why this is happening? See attached "spectrum-apr-30.png"
>>
>>I checked all the connections, power, etc. At some point, after closing and opening a few times, it simply starts displaying the right plot again. I can't figure out what's happening.
>>
>>
>>
>>If you have come across anything similar before and have some advice I would really appreciate it. Below is some more detailed information.
>>
>>Thank you very much for you help.
>>Best wishes,
>>
>>Olga P Massanet
>>
>>
>>----------
>>
>>DETAILED ACCOUNT FROM APRIL 30 - MAY 2
>>I start the recording on 30th April 2013 at around 12 or 1PM (data file says 11:41, but I

think that’s without summer time correction, so probably 12:41).
>>
>>The spectrum looks fine.
>>
>>From the plot and the data file I can see that the signal goes almost flat at around 1:30PM (2:30PM British Summer Time), but it keeps recording with near zero values like 0.00020100892657. (See Apr-30-2013.png)
>>
>>It completes the 24hours and dumps the data onto all 5 CSV files.
>>
>>It looks like it kept recording during May 1st until 9:51PM and then an error stopped the recordings. I think that's the last sample because when I arrived on May 2nd the spectrum looked like this (with date of last sample at the bottom left corner). See "may-1-error.png"
>>
>>Before quitting SuperSID I saved current buffer and
opened the file (current_buffer.csv) to see what it contained. I was expecting to see data from May 1st going all the way til 9:51PM. Instead, the buffer only has information about April 30th.
>>
>>Below is the error message registered in the terminal. I'm running supersid.py on a linux machine.
>>
>>ERROR MESSAGE SEEN IN TERMINAL
>>
>>Traceback (most recent call last):
>>File "supersid.py", line 453, in on_timer
>>   self.parent.on_timer()   # pass to parent
>>
>>File "supersid.py", line 973, in on_timer
>>   self.log_buffers()
>>
>>File "supersid.py", line 1007, in log_buffers
>>   os.startfile("supersid_upload.exe")
>>AttributeError: 'module' object has no attribute 'startfile'
>>
>>Expression 'framesAvail' failed in 'src/hostapi/alsa/pa_linux_alsa.c', line: 3563
>>
>>Expression 'PaAlsaStreamComponent_GetAvailableFrames(&self->capture, &captureFrames, xrunOccurred)' failed in 'src/hostapi/alsa/pa_linux_alsa.c', line: 3642
>>
>>Expression 'PaAlsaStream_GetAvailableFrames(self, self->capture.pcm != NULL, self->playback.pcm != NULL, framesAvail, &xrun)' failed in 'src/hostapi/alsa/pa_linux_alsa.c', line: 3702
>>
>>Expression 'PaAlsaStream_WaitForFrames(stream, &framesAvail, &xrun)' failed in 'src/hostapi/alsa/pa_linux_alsa.c', line: 4338
>>
>>
>>
>>Traceback (most recent call last):

>>
>>File "supersid.py", line 453, in on_timer
>>   self.parent.on_timer()   # pass to parent
>>
>>File "supersid.py", line 959, in on_timer
>>   message += self.config.call_signs[i] + "=%.0f " %
signal_strengths[i]
>>
>>IndexError: list index out of range
>>
>>Expression 'framesAvail' failed in 'src/hostapi/alsa/pa_linux_alsa.c', line: 3563
>>
>>Expression 'PaAlsaStreamComponent_GetAvailableFrames(&self->capture, &captureFrames,
xrunOccurred)' failed in 'src/hostapi/alsa/pa_linux_alsa.c', line: 3642
>>
>>Expression 'PaAlsaStream_GetAvailableFrames(self, self->capture.pcm != NULL,
self->playback.pcm != NULL, framesAvail, &xrun)' failed in
'src/hostapi/alsa/pa_linux_alsa.c', line: 3702
>>
>>Expression 'PaAlsaStream_WaitForFrames(stream, &framesAvail, &xrun)' failed in
'src/hostapi/alsa/pa_linux_alsa.c', line: 4338
>>
>>
>>
>>
>>
>>
>>On 18 February 2013 16:22, Olga <olga.panades@gmail.com> wrote:
>>
>>Hello,
>>>
>>>
>>>That's really helpful thanks. I will change to automatic upload at some point this week.
>>>
>>>
>>>Very best,
>>>Olga
>>>
>>>
>>>
>>>On 18 February 2013 15:33, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>>>
>>>Hi Olga,
>>>>These charts look pretty good for being in an urban area. We think you will be able to
see sid's. Here is a link to the Stanford site where data is uploaded from other users.
http://sid.stanford.edu/database-browser/
>>>>
>>>>Not all of the charts are usable, but you can scroll thru and find some that clearly
match sid's that have been detected by the GOES satellite and SuperSID. NML BRASSO 0283
shows is good SID.

>>>>
>>>>If you want to send your data to Stanford, open the config file and change automatic_upload = no to YES
>>>>
>>>>
>>>>
>>>>
>>>>
>>>>Bill & Melinda Lord
>>>>http://www.tnskynet.com/
>>>>http://www.radio-astronomy.org/
>>>>
>>>>
>>>>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>>>>
>>>>
>>>>From: Olga <olga.panades@...>
>>>>To: Thomas Aston <thomas.c.aston@...>; WILLIAM & MELINDA LORD <ap_guardian@...>
>>>>Sent: Monday, February 18, 2013 5:53 AM
>>>>Subject: Re: SuperSID Enquiry
>>>>
>>>>
>>>>
>>>>Dear Bill and Melinda,
>>>>
>>>>After a long break from university we have restarted the SID project again. Attached is a plot of 3 stations (DHO38, HWU, GQD) over a period of 24 hours (14 Feb 2013). It would be great if you could have a look and tell us whether you think sunrise and sunset signatures are clearly visible.
>>>>
>>>>The antenna is located in London and therefore time zone is GMT (currently = to UTC). Sunrise on the 14 Feb was at 7.16AM and sunset at 5.14PM. I've added extra lines to the plot to help identifying exact time.
>>>>
>>>>
>>>>Comparing our spectrum to some of the images that appear in the manual I can see that the signal to noise ratio is not very good. We are considering changing the location of the antenna and possibly rebuilding it with a longer wire (at the moment we have two antennas one built with 84m of wire, the other with just under 100m).
>>>>
>>>>
>>>>
>>>>Many thanks in advance for your help.
>>>>Very best,
>>>>
>>>>
>>>>Thomas & Olga
>>>>
>>>>

>>>>On 11 July 2012 22:50, Thomas Aston <thomas.c.aston@...> wrote:
>>>>
>>>>
>>>>> From: WILLIAM & MELINDA LORD <ap_guardian@...>
>>>>> Date: Wed, Jul 11, 2012 at 10:35 PM
>>>>> Subject: Re: SuperSID Enquiry
>>>>> To: Thomas Aston <thomas.c.aston@...>
>>>>>
>>>>>
>>>>> The screen shot of SuperSID indicates it is only recording at 48 kHz, not 96 kHz. Is the sound card a "stereo" card? The SuperSID can only collect data mono, so a stereo sound card would not work. (A stereo card gets 96 kHz by collecting 48 on one channel and 48 on the other
channel to get a total of 96)
>>>>>
>>>>> Have you gone thru all of the sound card settings? This really looks like a sound card issue.
>>>>>
>>>>> Bill & Melinda Lord
>>>>> http://www.tnskynet.com/
>>>>> http://www.radio-astronomy.org/
>>>>
>>>>>
>>>>> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>>>>>
>>>>> _____
>>>>> From: Thomas Aston <thomas.c.aston@...>
>>>>> To: WILLIAM & MELINDA LORD <ap_guardian@...>
>>>>> Sent: Wednesday, July 11, 2012
11:38 AM
>>>>> Subject: Re: SuperSID Enquiry
>>>>>
>>>>> Hi Bill and Melinda,
>>>>>
>>>>> Kindest thanks for your reply and guiding questions. We've checked to ensure all the solders are good on the circuit. In fact, we've found the super SID to be fully operational,
>>>>> giving us a good spectrum in Baudline which matches our findings from a 'dry' antenna signal.
>>>>>
>>>>> We had been plugging into the mic in but have started using the line in on the soundcard (only 1 installed on the desktop PC) which has a sampling rate of 96kHz. We are using Ubuntu 11.04.
>>>>>
>>>>> Find attached two screen shots: one of the signal we are receiving in Baudline and the other of the signal being received in the SuperSID program. Using an untuned antenna trying to target 23.4kHz, the signal
>>>>> appears clear in Baudline, but in the SuperSID program seems greatly reduced. Is there some sort of filter

being applied in the FFT of the SuperSID program which might be effecting signal clarity?
 Indeed,
>>>>> everything beyond around 20kHz appears much attenuated. Is this a 'normal' result?
>>>>>
>>>>> Thank you immensely once again for your help towards getting the antenna working and
hopefully recording an SID!!
>>>>>
>>>>> All best,
>>>>>
>>>>> Thomas and Olga.
>>>>>
>>>>> On Wed, Jun 27, 2012 at 2:11 AM, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>>>>>
>>>>> Hi Tom,
>>>>> It looks correct unless there is a solder that is not good. Can you send us a screen
shot of the spectrum as you collect data?
>>>>>
>>>>> Also, are you plugged into Line In on the sound card?
>>>>>
>>>>> What version of Windows do you use?
>>>>>
>>>>> Do you have more than one
sound card installed in this computer?
>>>>>
>>>>> Is it a laptop?
>>>>>
>>>>> What sample rate is the sound card? (48 kHz, 96 kHz??)
>>>>>
>>>>> Bill & Melinda Lord
>>>>> http://www.tnskynet.com/
>>>>> http://www.radio-astronomy.org/
>>>>
>>>>>
>>>>> Light travels faster than sound. This is why some people appear bright until you hear
them speak. :-)
>>>>>
>>>>> From: Thomas Aston <thomas.c.aston@...>
>>>>> To: WILLIAM & MELINDA LORD <ap_guardian@...>
>>>>> Cc: Olga <olga.panades@...>
>>>>> Sent: Tuesday, June 26, 2012 5:34 PM
>>>>> Subject: SuperSID Enquiry
>>>>>
>>>>> Hi Bill & Melinda,
>>>>>
>>>>> Please allow me to reiterate our thanks for your help and advice regarding our VLF
antenna, and for sending along the superSID!!
>>>>>
>>>>> Unfortunately, we are experiencing a bit of trouble getting the superSID receiver
running. We followed your instructions closely in terms of connections (the co-ax),
customizing the config file, etc. Our extensive troubleshooting has led us to consider

whether some feature of the superSID circuit itself may be at fault?
>>>>>
>>>>> Indeed, we are receiving identical results in the SID plot, and in another signal monitoring program Baudline, when the superSID is connected as when it is disconnected. We have tested all cabling, a 'dry' antenna-only signal (which
registers in Baudline, albeit quite weakly), all internal computer sound elements, etc, etc.
>>>>>
>>>>> Visually, the circuit appears intact, with one junction empty (3--see attached).
 Could you perhaps confirm whether this looks sound, or if there's even a chance it may be at fault?
>>>>>
>>>>> Any help or advice here would be very much appreciated.
>>>>>
>>>>> Kindest thanks for your time and help in advance!
>>>>>
>>>>> All best,
>>>>>
>>>>> Thomas & Olga.
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>>>>Olga P Massanet
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>>>>http://www.olgapanades.com/
>>>>http://www.deepmediaresearch.org/
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Olga P Massanet
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www.olgapanades.com

www.deepmediaresearch.org

1160. Re: [Super_SID] Re: SuperSID Enquiry

Yahoo group: Super_SID
Date: 2013-05-29 22:22:16 UTC
From: Steve Berl
Topic: 1159 Message: 1160

Looks pretty weird.

Is there any other software running on that computer that might be messing with the sound card periodically? What else is installed/running on this machine? Is it being used for anything else at the same time as SuperSID?

-steve

On Wed, May 29, 2013 at 3:03 PM, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

> **
>
>
> Hi Folks,
> Maybe someone has other ideas that can help Olga out. It looks like
> something happens that causes the SuperSID program to lose the sound card
> settings.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* Olga <olga.panades@...>
> *To:* WILLIAM & MELINDA LORD <ap_guardian@yahoo.com>
> *Sent:* Sunday, May 12, 2013 1:52 PM
> *Subject:* Re: SuperSID Enquiry
>
> Hello,
>
> Yes it is set at 5. Does it look to you like a memory problem? I might set
> it change the log interval to see if the length of recordings varies.
>
> thanks again!
>
>
> On 11 May 2013 18:55, WILLIAM & MELINDA LORD <ap_guardian@...>wrote:
>
>
> Hi Olga,
>
> Look at your config file. Do you see log_interval = 5 or do you have a

> different number? It must be set at 5.
>
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnskynet.com/>
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> *From:* Olga <olga.panades@...>
> *To:* WILLIAM & MELINDA LORD <ap_guardian@...>
> *Sent:* Friday, May 10, 2013 11:39 AM
> *Subject:* Re: SuperSID Enquiry
>
> Dear Bill and Melinda,
>
> As far as I can tell there is only one soundcard on this computer. See
> screenshot of soundcard list on the terminal window.
>
> I have also done a test with a different computer in the lab (same specs).
> What I have discovered is that recordings stop always after 34h and 8
> minutes exactly. This has happened in different days and diff computers.
> I've checked all my recordings and they all stopped exactly after 34h 8min.
>
> Do you have any idea why that would be? Do you think it could have to do
> with the buffer size, with it not emptying after dumping to file and
> getting full?
>
> Thank you very much for your help in this.
> Best wishes,
>
> Olga
>
>
>
>
> On 2 May 2013 15:48, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:
>
> Olga,
> Do you have more than one sound card on this computer? Do you ever use a
> web cam with this computer?
>
> This looks like you use a second sound card, but something happens or
> changes and the system defaults to the motherboard sound card and you do
> not get data from the SUperSID.
>
> Bill & Melinda Lord
> http://www.tnskynet.com/
> http://www.radio-astronomy.org/
>

> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> *From:* Olga <olga.panades@...>
> *To:* WILLIAM & MELINDA LORD <ap_guardian@...>
> *Sent:* Thursday, May 2, 2013 5:16 AM
> *Subject:* Re: SuperSID Enquiry
>
> Dear Bill and Melinda,
>
> I have been struggling with an error with the SuperSID and thought you
> might have come across something similar and might be able to give some
> advice.
>
> My system is located in the Goldsmiths University campus in London (UK).
> In previous emails I sent you plots that you thought looked good enough to
> be able to detect and SID. See for instance attached
> "3-stations-14Feb13.png".
>
> I now have encountered two problems, which I think are unrelated. I think
> they are unrelated because I've experienced Prob 1 for a while without
> encountering Prob 2.
>
> *PROBLEM NUM 1. Recordings stop*
> When I leave the system recording for a few days and come back I find an
> error message saying "Failed to read data from PortAudio". I have never
> been able to complete 2 rounds of 24 hours. After it completes one day, it
> keeps recording for some hours but then it always fails at some point
> before it completes the next day. I'm giving a detailed account on what
> happened from April 30th til May 2nd below in case you have time to have a
> look and it is helpful.
> *
> PROBLEM NUM 2. The signal goes flat*
> Lately when I come back to it after some days I find the spectrum looks
> weird. There are no radio station signals and there is a range of
> frequencies visible in the middle of the spectrum. Do you recognise this
> shape? Do you have any ideas why this is happening? See attached
> "spectrum-apr-30.png"
>
> I checked all the connections, power, etc. At some point, after closing
> and opening a few times, it simply starts displaying the right plot again.
> I can't figure out what's happening.
>
>
>
> If you have come across anything similar before and have some advice I
> would really appreciate it. Below is some more detailed information.
>
> Thank you very much for you help.
> Best wishes,

>
> Olga P Massanet
>
> ----------
> *
> DETAILED ACCOUNT FROM APRIL 30 - MAY 2*
> I start the recording on 30th April 2013 at around 12 or 1PM (data file
> says 11:41, but I think that’s without summer time correction, so probably
> 12:41).
>
> The spectrum looks fine.
>
> From the plot and the data file I can see that the signal goes almost flat
> at around 1:30PM (2:30PM British Summer Time), but it keeps recording with
> near zero values like 0.00020100892657. (See Apr-30-2013.png)
>
> It completes the 24hours and dumps the data onto all 5 CSV files.
>
> It looks like it kept recording during May 1st until 9:51PM and then an
> error stopped the recordings. I think that's the last sample because when I
> arrived on May 2nd the spectrum looked like this (with date of last sample
> at the bottom left corner). See "may-1-error.png"
>
> Before quitting SuperSID I saved current buffer and opened the file
> (current_buffer.csv) to see what it contained. I was expecting to see data
> from May 1st going all the way til 9:51PM. Instead, the buffer only has
> information about April 30th.
>
> Below is the error message registered in the terminal. I'm running
> supersid.py on a linux machine.
>
> *ERROR MESSAGE SEEN IN TERMINAL*
>
> Traceback (most recent call last):
> File "supersid.py", line 453, in on_timer
> self.parent.on_timer() # pass to parent
>
> File "supersid.py", line 973, in on_timer
> self.log_buffers()
>
> File "supersid.py", line 1007, in log_buffers
> os.startfile("supersid_upload.exe")
> AttributeError: 'module' object has no attribute 'startfile'
>
> Expression 'framesAvail' failed in 'src/hostapi/alsa/pa_linux_alsa.c',
> line: 3563
>
> Expression 'PaAlsaStreamComponent_GetAvailableFrames(&self->capture,
> &captureFrames, xrunOccurred)' failed in
> 'src/hostapi/alsa/pa_linux_alsa.c', line: 3642

>
> Expression 'PaAlsaStream_GetAvailableFrames(self, self->capture.pcm !=
> NULL, self->playback.pcm != NULL, framesAvail, &xrun)' failed in
> 'src/hostapi/alsa/pa_linux_alsa.c', line: 3702
>
> Expression 'PaAlsaStream_WaitForFrames(stream, &framesAvail, &xrun)'
> failed in 'src/hostapi/alsa/pa_linux_alsa.c', line: 4338
>
>
>
> Traceback (most recent call last):
>
> File "supersid.py", line 453, in on_timer
> self.parent.on_timer() # pass to parent
>
> File "supersid.py", line 959, in on_timer
> message += self.config.call_signs[i] + "=%.0f " % signal_strengths[i]
>
> IndexError: list index out of range
>
> Expression 'framesAvail' failed in 'src/hostapi/alsa/pa_linux_alsa.c',
> line: 3563
>
> Expression 'PaAlsaStreamComponent_GetAvailableFrames(&self->capture,
> &captureFrames, xrunOccurred)' failed in
> 'src/hostapi/alsa/pa_linux_alsa.c', line: 3642
>
> Expression 'PaAlsaStream_GetAvailableFrames(self, self->capture.pcm !=
> NULL, self->playback.pcm != NULL, framesAvail, &xrun)' failed in
> 'src/hostapi/alsa/pa_linux_alsa.c', line: 3702
>
> Expression 'PaAlsaStream_WaitForFrames(stream, &framesAvail, &xrun)'
> failed in 'src/hostapi/alsa/pa_linux_alsa.c', line: 4338
>
>
>
>
> On 18 February 2013 16:22, Olga <olga.panades@...> wrote:
>
> Hello,
>
> That's really helpful thanks. I will change to automatic upload at some
> point this week.
>
> Very best,
> Olga
>
>
> On 18 February 2013 15:33, WILLIAM & MELINDA LORD <ap_guardian@...>wrote:
>

> Hi Olga,
> These charts look pretty good for being in an urban area. We think you
> will be able to see sid's. Here is a link to the Stanford site where data
> is uploaded from other users. http://sid.stanford.edu/database-browser/
>
> Not all of the charts are usable, but you can scroll thru and find some
> that clearly match sid's that have been detected by the GOES satellite and
> SuperSID. NML BRASSO 0283 shows is good SID.
>
> If you want to send your data to Stanford, open the config file and change
> automatic_upload = no to YES
>
>
>
> Bill & Melinda Lord
> http://www.tnskynet.com/
> http://www.radio-astronomy.org/
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> *From:* Olga <olga.panades@gmail.com>
> *To:* Thomas Aston <thomas.c.aston@...>; WILLIAM & MELINDA LORD <
> ap_guardian@...>
> *Sent:* Monday, February 18, 2013 5:53 AM
> *Subject:* Re: SuperSID Enquiry
>
> Dear Bill and Melinda,
>
> After a long break from university we have restarted the SID project
> again. Attached is a plot of 3 stations (DHO38, HWU, GQD) over a period of
> 24 hours (14 Feb 2013). It would be great if you could have a look and tell
> us whether you think sunrise and sunset signatures are clearly visible.
>
> The antenna is located in London and therefore time zone is GMT (currently
> = to UTC). Sunrise on the 14 Feb was at 7.16AM and sunset at 5.14PM. I've
> added extra lines to the plot to help identifying exact time.
>
> Comparing our spectrum to some of the images that appear in the manual I
> can see that the signal to noise ratio is not very good. We are considering
> changing the location of the antenna and possibly rebuilding it with a
> longer wire (at the moment we have two antennas one built with 84m of wire,
> the other with just under 100m).
>
> Many thanks in advance for your help.
> Very best,
>
> Thomas & Olga
>
>

> On 11 July 2012 22:50, Thomas Aston <thomas.c.aston@...> wrote:
> >
> >
> > From: WILLIAM & MELINDA LORD <ap_guardian@...>
> > Date: Wed, Jul 11, 2012 at 10:35 PM
> > Subject: Re: SuperSID Enquiry
> > To: Thomas Aston <thomas.c.aston@...>
> >
> >
> > The screen shot of SuperSID indicates it is only recording at 48 kHz,
> not 96 kHz. Is the sound card a "stereo" card? The SuperSID can only
> collect data mono, so a stereo sound card would not work. (A stereo card
> gets 96 kHz by collecting 48 on one channel and 48 on the other channel to
> get a total of 96)
> >
> > Have you gone thru all of the sound card settings? This really looks
> like a sound card issue.
> >
> > Bill & Melinda Lord
> > http://www.tnskynet.com/
> > http://www.radio-astronomy.org/
>
> >
> > Light travels faster than sound. This is why some people appear bright
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> >
> > _____
> > From: Thomas Aston <thomas.c.aston@...>
> > To: WILLIAM & MELINDA LORD <ap_guardian@...>
> > Sent: Wednesday, July 11, 2012 11:38 AM
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> > Hi Bill and Melinda,
> >
> > Kindest thanks for your reply and guiding questions. We've checked to
> ensure all the solders are good on the circuit. In fact, we've found the
> super SID to be fully operational,
> > giving us a good spectrum in Baudline which matches our findings from a
> 'dry' antenna signal.
> >
> > We had been plugging into the mic in but have started using the line in
> on the soundcard (only 1 installed on the desktop PC) which has a sampling
> rate of 96kHz. We are using Ubuntu 11.04.
> >
> > Find attached two screen shots: one of the signal we are receiving in
> Baudline and the other of the signal being received in the SuperSID
> program. Using an untuned antenna trying to target 23.4kHz, the signal
> > appears clear in Baudline, but in the SuperSID program seems greatly
> reduced. Is there some sort of filter being applied in the FFT of the
> SuperSID program which might be effecting signal clarity? Indeed,

> > everything beyond around 20kHz appears much attenuated. Is this a
> 'normal' result?
> >
> > Thank you immensely once again for your help towards getting the antenna
> working and hopefully recording an SID!!
> >
> > All best,
> >
> > Thomas and Olga.
> >
> > On Wed, Jun 27, 2012 at 2:11 AM, WILLIAM & MELINDA LORD <
> ap_guardian@...> wrote:
> >
> > Hi Tom,
> > It looks correct unless there is a solder that is not good. Can you
> send us a screen shot of the spectrum as you collect data?
> >
> > Also, are you plugged into Line In on the sound card?
> >
> > What version of Windows do you use?
> >
> > Do you have more than one sound card installed in this computer?
> >
> > Is it a laptop?
> >
> > What sample rate is the sound card? (48 kHz, 96 kHz??)
> >
> > Bill & Melinda Lord
> > http://www.tnskynet.com/
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>
> >
> > Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
> >
> > From: Thomas Aston <thomas.c.aston@...>
> > To: WILLIAM & MELINDA LORD <ap_guardian@...>
> > Cc: Olga <olga.panades@gmail.com>
> > Sent: Tuesday, June 26, 2012 5:34 PM
> > Subject: SuperSID Enquiry
> >
> > Hi Bill & Melinda,
> >
> > Please allow me to reiterate our thanks for your help and advice
> regarding our VLF antenna, and for sending along the superSID!!
> >
> > Unfortunately, we are experiencing a bit of trouble getting the superSID
> receiver running. We followed your instructions closely in terms of
> connections (the co-ax), customizing the config file, etc. Our extensive
> troubleshooting has led us to consider whether some feature of the superSID

> circuit itself may be at fault?
> >
> > Indeed, we are receiving identical results in the SID plot, and in
> another signal monitoring program Baudline, when the superSID is connected
> as when it is disconnected. We have tested all cabling, a 'dry'
> antenna-only signal (which registers in Baudline, albeit quite weakly), all
> internal computer sound elements, etc, etc.
> >
> > Visually, the circuit appears intact, with one junction empty (3--see
> attached). Could you perhaps confirm whether this looks sound, or if
> there's even a chance it may be at fault?
> >
> > Any help or advice here would be very much appreciated.
> >
> > Kindest thanks for your time and help in advance!
> >
> > All best,
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> > Thomas & Olga.
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-steve

1161. Re: [Super_SID] Re: SuperSID Enquiry

Yahoo group: Super_SID
Date: 2013-05-30 20:01:55 UTC
From: Steve Berl
Topic: 1159 Message: 1161

Very weird. No idea why it stops like that. Sorry.

-steve

On Thu, May 30, 2013 at 12:52 AM, Olga <olga.panades@...> wrote:

> Hello,
>
> First of all, thanks a lot for your help. It would be great to get this
> sorted!
>
>
> *REGARDING OTHER SOFTWARE BEING USED*
> The computers I've tested the script in are being used by other people so
> they could indeed some times use other software. The thing is that I've
> used these computers to record the signal with audacity while running SID
> (I thought that might interfere) and that didn't cause a problem.
>
> Furthermore, the script brings the error ("Fail to read data from
> portaudio") always when it's completed a precise number of samples, which
> makes me think it has to do with something else (a buffer memory problem?
> The computer has plenty of space). No matter what time of the day I start
> it, it will always stop after 38h and 8min and x seconds (don't remember
> how many seconds now but it's a precise number). I have tested this on
> different computers and they both stopped always at the same number of
> samples.
>
>
> *MY FIX*
> What I have done to fix this problem is to modify the python script so
> that it launches a new instance of itself (supersid.py) and closes the
> current instance. That has allowed me to go on for as many days as I want
> without stoping.
>
>
> *SOME FLARES*
> Just sending you some of the solar events recorded so far :)
> 17 May - M3-class solar flare
> 19 May - Various C class solar flares
> 20 May - C9 solar flare
>
>
> Thanks a lot, I look forward to hear your thoughts.
> Best wishes,
> Olga
>

>
> On 29 May 2013 23:22, Steve Berl <steveberl@...> wrote:
>
>> Looks pretty weird.
>>
>> Is there any other software running on that computer that might be
>> messing with the sound card periodically? What else is installed/running on
>> this machine? Is it being used for anything else at the same time as
>> SuperSID?
>>
>> -steve
>>
>>
>> On Wed, May 29, 2013 at 3:03 PM, WILLIAM & MELINDA LORD <
>> ap_guardian@...> wrote:
>>
>>> **
>>>
>>>
>>> Hi Folks,
>>> Maybe someone has other ideas that can help Olga out. It looks like
>>> something happens that causes the SuperSID program to lose the sound card
>>> settings.
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>>> Bill & Melinda Lord
>>> www.tnSkyNet.com
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>>> Light travels faster than sound. This is why some people appear bright
>>> until you hear them speak. :-)
>>>
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>>> *To:* WILLIAM & MELINDA LORD <ap_guardian@...>
>>> *Sent:* Sunday, May 12, 2013 1:52 PM
>>> *Subject:* Re: SuperSID Enquiry
>>>
>>> Hello,
>>>
>>> Yes it is set at 5. Does it look to you like a memory problem? I might
>>> set it change the log interval to see if the length of recordings varies.
>>>
>>> thanks again!
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>>>
>>> On 11 May 2013 18:55, WILLIAM & MELINDA LORD <ap_guardian@...>wrote:
>>>
>>>
>>> Hi Olga,
>>>

>>> Look at your config file. Do you see log_interval = 5 or do you have a
>>> different number? It must be set at 5.
>>>
>>> Bill & Melinda Lord
>>> www.tnSkyNet.com <http://www.tnskynet.com/>
>>> www.radio-astronomy.org
>>>
>>> Light travels faster than sound. This is why some people appear bright
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>>> *To:* WILLIAM & MELINDA LORD <ap_guardian@...>
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>>> *Subject:* Re: SuperSID Enquiry
>>>
>>> Dear Bill and Melinda,
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>>> As far as I can tell there is only one soundcard on this computer. See
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>>> I have also done a test with a different computer in the lab (same
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>>> 8 minutes exactly. This has happened in different days and diff computers.
>>> I've checked all my recordings and they all stopped exactly after 34h 8min.
>>>
>>> Do you have any idea why that would be? Do you think it could have to do
>>> with the buffer size, with it not emptying after dumping to file and
>>> getting full?
>>>
>>> Thank you very much for your help in this.
>>> Best wishes,
>>>
>>> Olga
>>>
>>>
>>>
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>>> On 2 May 2013 15:48, WILLIAM & MELINDA LORD <ap_guardian@...>wrote:
>>>
>>> Olga,
>>> Do you have more than one sound card on this computer? Do you ever use
>>> a web cam with this computer?
>>>
>>> This looks like you use a second sound card, but something happens or
>>> changes and the system defaults to the motherboard sound card and you do
>>> not get data from the SUperSID.
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>>> Bill & Melinda Lord
>>> http://www.tnskynet.com/
>>> http://www.radio-astronomy.org/

>>>
>>> Light travels faster than sound. This is why some people appear bright
>>> until you hear them speak. :-)
>>>
>>> *From:* Olga <olga.panades@...>
>>> *To:* WILLIAM & MELINDA LORD <ap_guardian@...>
>>> *Sent:* Thursday, May 2, 2013 5:16 AM
>>> *Subject:* Re: SuperSID Enquiry
>>>
>>> Dear Bill and Melinda,
>>>
>>> I have been struggling with an error with the SuperSID and thought you
>>> might have come across something similar and might be able to give some
>>> advice.
>>>
>>> My system is located in the Goldsmiths University campus in London (UK).
>>> In previous emails I sent you plots that you thought looked good enough to
>>> be able to detect and SID. See for instance attached
>>> "3-stations-14Feb13.png".
>>>
>>> I now have encountered two problems, which I think are unrelated. I
>>> think they are unrelated because I've experienced Prob 1 for a while
>>> without encountering Prob 2.
>>>
>>> *PROBLEM NUM 1. Recordings stop*
>>> When I leave the system recording for a few days and come back I find an
>>> error message saying "Failed to read data from PortAudio". I have never
>>> been able to complete 2 rounds of 24 hours. After it completes one day, it
>>> keeps recording for some hours but then it always fails at some point
>>> before it completes the next day. I'm giving a detailed account on what
>>> happened from April 30th til May 2nd below in case you have time to have a
>>> look and it is helpful.
>>> *
>>> PROBLEM NUM 2. The signal goes flat*
>>> Lately when I come back to it after some days I find the spectrum looks
>>> weird. There are no radio station signals and there is a range of
>>> frequencies visible in the middle of the spectrum. Do you recognise this
>>> shape? Do you have any ideas why this is happening? See attached
>>> "spectrum-apr-30.png"
>>>
>>> I checked all the connections, power, etc. At some point, after closing
>>> and opening a few times, it simply starts displaying the right plot again.
>>> I can't figure out what's happening.
>>>
>>>
>>>
>>> If you have come across anything similar before and have some advice I
>>> would really appreciate it. Below is some more detailed information.
>>>
>>> Thank you very much for you help.

>>> Best wishes,
>>>
>>> Olga P Massanet
>>>
>>> ----------
>>> *
>>> DETAILED ACCOUNT FROM APRIL 30 - MAY 2*
>>> I start the recording on 30th April 2013 at around 12 or 1PM (data file
>>> says 11:41, but I think that’s without summer time correction, so probably
>>> 12:41).
>>>
>>> The spectrum looks fine.
>>>
>>> From the plot and the data file I can see that the signal goes almost
>>> flat at around 1:30PM (2:30PM British Summer Time), but it keeps recording
>>> with near zero values like 0.00020100892657. (See Apr-30-2013.png)
>>>
>>> It completes the 24hours and dumps the data onto all 5 CSV files.
>>>
>>> It looks like it kept recording during May 1st until 9:51PM and then an
>>> error stopped the recordings. I think that's the last sample because when I
>>> arrived on May 2nd the spectrum looked like this (with date of last sample
>>> at the bottom left corner). See "may-1-error.png"
>>>
>>> Before quitting SuperSID I saved current buffer and opened the file
>>> (current_buffer.csv) to see what it contained. I was expecting to see data
>>> from May 1st going all the way til 9:51PM. Instead, the buffer only has
>>> information about April 30th.
>>>
>>> Below is the error message registered in the terminal. I'm running
>>> supersid.py on a linux machine.
>>>
>>> *ERROR MESSAGE SEEN IN TERMINAL*
>>>
>>> Traceback (most recent call last):
>>> File "supersid.py", line 453, in on_timer
>>> self.parent.on_timer() # pass to parent
>>>
>>> File "supersid.py", line 973, in on_timer
>>> self.log_buffers()
>>>
>>> File "supersid.py", line 1007, in log_buffers
>>> os.startfile("supersid_upload.exe")
>>> AttributeError: 'module' object has no attribute 'startfile'
>>>
>>> Expression 'framesAvail' failed in 'src/hostapi/alsa/pa_linux_alsa.c',
>>> line: 3563
>>>
>>> Expression 'PaAlsaStreamComponent_GetAvailableFrames(&self->capture,
>>> &captureFrames, xrunOccurred)' failed in

>>> 'src/hostapi/alsa/pa_linux_alsa.c', line: 3642
>>>
>>> Expression 'PaAlsaStream_GetAvailableFrames(self, self->capture.pcm !=
>>> NULL, self->playback.pcm != NULL, framesAvail, &xrun)' failed in
>>> 'src/hostapi/alsa/pa_linux_alsa.c', line: 3702
>>>
>>> Expression 'PaAlsaStream_WaitForFrames(stream, &framesAvail, &xrun)'
>>> failed in 'src/hostapi/alsa/pa_linux_alsa.c', line: 4338
>>>
>>>
>>>
>>> Traceback (most recent call last):
>>>
>>> File "supersid.py", line 453, in on_timer
>>> self.parent.on_timer() # pass to parent
>>>
>>> File "supersid.py", line 959, in on_timer
>>> message += self.config.call_signs[i] + "=%.0f " %
>>> signal_strengths[i]
>>>
>>> IndexError: list index out of range
>>>
>>> Expression 'framesAvail' failed in 'src/hostapi/alsa/pa_linux_alsa.c',
>>> line: 3563
>>>
>>> Expression 'PaAlsaStreamComponent_GetAvailableFrames(&self->capture,
>>> &captureFrames, xrunOccurred)' failed in
>>> 'src/hostapi/alsa/pa_linux_alsa.c', line: 3642
>>>
>>> Expression 'PaAlsaStream_GetAvailableFrames(self, self->capture.pcm !=
>>> NULL, self->playback.pcm != NULL, framesAvail, &xrun)' failed in
>>> 'src/hostapi/alsa/pa_linux_alsa.c', line: 3702
>>>
>>> Expression 'PaAlsaStream_WaitForFrames(stream, &framesAvail, &xrun)'
>>> failed in 'src/hostapi/alsa/pa_linux_alsa.c', line: 4338
>>>
>>>
>>>
>>>
>>> On 18 February 2013 16:22, Olga <olga.panades@...> wrote:
>>>
>>> Hello,
>>>
>>> That's really helpful thanks. I will change to automatic upload at some
>>> point this week.
>>>
>>> Very best,
>>> Olga
>>>
>>>

>>> On 18 February 2013 15:33, WILLIAM & MELINDA LORD <ap_guardian@...
>>> > wrote:
>>>
>>> Hi Olga,
>>> These charts look pretty good for being in an urban area. We think you
>>> will be able to see sid's. Here is a link to the Stanford site where data
>>> is uploaded from other users. http://sid.stanford.edu/database-browser/
>>>
>>> Not all of the charts are usable, but you can scroll thru and find some
>>> that clearly match sid's that have been detected by the GOES satellite and
>>> SuperSID. NML BRASSO 0283 shows is good SID.
>>>
>>> If you want to send your data to Stanford, open the config file and
>>> change automatic_upload = no to YES
>>>
>>>
>>>
>>> Bill & Melinda Lord
>>> http://www.tnskynet.com/
>>> http://www.radio-astronomy.org/
>>>
>>> Light travels faster than sound. This is why some people appear bright
>>> until you hear them speak. :-)
>>>
>>> *From:* Olga <olga.panades@...>
>>> *To:* Thomas Aston <thomas.c.aston@...>; WILLIAM & MELINDA LORD <
>>> ap_guardian@...>
>>> *Sent:* Monday, February 18, 2013 5:53 AM
>>> *Subject:* Re: SuperSID Enquiry
>>>
>>> Dear Bill and Melinda,
>>>
>>> After a long break from university we have restarted the SID project
>>> again. Attached is a plot of 3 stations (DHO38, HWU, GQD) over a period of
>>> 24 hours (14 Feb 2013). It would be great if you could have a look and tell
>>> us whether you think sunrise and sunset signatures are clearly visible.
>>>
>>> The antenna is located in London and therefore time zone is GMT
>>> (currently = to UTC). Sunrise on the 14 Feb was at 7.16AM and sunset at
>>> 5.14PM. I've added extra lines to the plot to help identifying exact time.
>>>
>>> Comparing our spectrum to some of the images that appear in the manual I
>>> can see that the signal to noise ratio is not very good. We are considering
>>> changing the location of the antenna and possibly rebuilding it with a
>>> longer wire (at the moment we have two antennas one built with 84m of wire,
>>> the other with just under 100m).
>>>
>>> Many thanks in advance for your help.
>>> Very best,
>>>

>>> Thomas & Olga
>>>
>>>
>>> On 11 July 2012 22:50, Thomas Aston <thomas.c.aston@...> wrote:
>>> >
>>> >
>>> > From: WILLIAM & MELINDA LORD <ap_guardian@...>
>>> > Date: Wed, Jul 11, 2012 at 10:35 PM
>>> > Subject: Re: SuperSID Enquiry
>>> > To: Thomas Aston <thomas.c.aston@...>
>>> >
>>> >
>>> > The screen shot of SuperSID indicates it is only recording at 48 kHz,
>>> not 96 kHz. Is the sound card a "stereo" card? The SuperSID can only
>>> collect data mono, so a stereo sound card would not work. (A stereo card
>>> gets 96 kHz by collecting 48 on one channel and 48 on the other channel to
>>> get a total of 96)
>>> >
>>> > Have you gone thru all of the sound card settings? This really looks
>>> like a sound card issue.
>>> >
>>> > Bill & Melinda Lord
>>> > http://www.tnskynet.com/
>>> > http://www.radio-astronomy.org/
>>>
>>> >
>>> > Light travels faster than sound. This is why some people appear bright
>>> until you hear them speak. :-)
>>> >
>>> > _____
>>> > From: Thomas Aston <thomas.c.aston@...>
>>> > To: WILLIAM & MELINDA LORD <ap_guardian@...>
>>> > Sent: Wednesday, July 11, 2012 11:38 AM
>>> > Subject: Re: SuperSID Enquiry
>>> >
>>> > Hi Bill and Melinda,
>>> >
>>> > Kindest thanks for your reply and guiding questions. We've checked to
>>> ensure all the solders are good on the circuit. In fact, we've found the
>>> super SID to be fully operational,
>>> > giving us a good spectrum in Baudline which matches our findings from
>>> a 'dry' antenna signal.
>>> >
>>> > We had been plugging into the mic in but have started using the line
>>> in on the soundcard (only 1 installed on the desktop PC) which has a
>>> sampling rate of 96kHz. We are using Ubuntu 11.04.
>>> >
>>> > Find attached two screen shots: one of the signal we are receiving in
>>> Baudline and the other of the signal being received in the SuperSID
>>> program. Using an untuned antenna trying to target 23.4kHz, the signal

>>> > appears clear in Baudline, but in the SuperSID program seems greatly
>>> reduced. Is there some sort of filter being applied in the FFT of the
>>> SuperSID program which might be effecting signal clarity? Indeed,
>>> > everything beyond around 20kHz appears much attenuated. Is this a
>>> 'normal' result?
>>> >
>>> > Thank you immensely once again for your help towards getting the
>>> antenna working and hopefully recording an SID!!
>>> >
>>> > All best,
>>> >
>>> > Thomas and Olga.
>>> >
>>> > On Wed, Jun 27, 2012 at 2:11 AM, WILLIAM & MELINDA LORD <
>>> ap_guardian@...m> wrote:
>>> >
>>> > Hi Tom,
>>> > It looks correct unless there is a solder that is not good. Can you
>>> send us a screen shot of the spectrum as you collect data?
>>> >
>>> > Also, are you plugged into Line In on the sound card?
>>> >
>>> > What version of Windows do you use?
>>> >
>>> > Do you have more than one sound card installed in this computer?
>>> >
>>> > Is it a laptop?
>>> >
>>> > What sample rate is the sound card? (48 kHz, 96 kHz??)
>>> >
>>> > Bill & Melinda Lord
>>> > http://www.tnskynet.com/
>>> > http://www.radio-astronomy.org/
>>>
>>> >
>>> > Light travels faster than sound. This is why some people appear bright
>>> until you hear them speak. :-)
>>> >
>>> > From: Thomas Aston <thomas.c.aston@...>
>>> > To: WILLIAM & MELINDA LORD <ap_guardian@...>
>>> > Cc: Olga <olga.panades@gmail.com>
>>> > Sent: Tuesday, June 26, 2012 5:34 PM
>>> > Subject: SuperSID Enquiry
>>> >
>>> > Hi Bill & Melinda,
>>> >
>>> > Please allow me to reiterate our thanks for your help and advice
>>> regarding our VLF antenna, and for sending along the superSID!!
>>> >
>>> > Unfortunately, we are experiencing a bit of trouble getting the

>>> superSID receiver running. We followed your instructions closely in terms
>>> of connections (the co-ax), customizing the config file, etc. Our
>>> extensive troubleshooting has led us to consider whether some feature of
>>> the superSID circuit itself may be at fault?
>>> >
>>> > Indeed, we are receiving identical results in the SID plot, and in
>>> another signal monitoring program Baudline, when the superSID is connected
>>> as when it is disconnected. We have tested all cabling, a 'dry'
>>> antenna-only signal (which registers in Baudline, albeit quite weakly), all
>>> internal computer sound elements, etc, etc.
>>> >
>>> > Visually, the circuit appears intact, with one junction empty (3--see
>>> attached). Could you perhaps confirm whether this looks sound, or if
>>> there's even a chance it may be at fault?
>>> >
>>> > Any help or advice here would be very much appreciated.
>>> >
>>> > Kindest thanks for your time and help in advance!
>>> >
>>> > All best,
>>> >
>>> > Thomas & Olga.
>>> >
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>>> --
>>> Olga P Massanet
>>> -------------------------
>>> http://www.olgapanades.com/
>>> http://www.deepmediaresearch.org/
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>>> Olga P Massanet
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>>> http://www.olgapanades.com/
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>>> Olga P Massanet
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>>> www.deepmediaresearch.org
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>> --
>> -steve
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> --

> Olga P Massanet
> -------------------------
> www.olgapanades.com
> www.deepmediaresearch.org
>
>

--
-steve

1162. Re: [Super_SID] Re: Downloading data files?

Yahoo group: Super_SID
Date: 2013-05-30 23:16:56 UTC
From: Deborah Scherrer
Topic: 1107 Message: 1162

Along the lines of better-late-than-never, I am getting access to this code
and will send it out.

Debbie

On 4/22/13 11:54 AM, Steve Berl wrote:
> I could be as simple as sending out the code that calculates the data
> quality value?
>
> I'd hope to use that to create a tool to calculate that and similar
> data analysis on my local data files.
> If it works, I'd be happy to share with the rest of the list.
>
> -steve
>
>
> On Mon, Apr 22, 2013 at 11:32 AM, Deborah Scherrer
> <dscherrer@... <mailto:dscherrer@...>>
> wrote:
>
> Our programmer, Scott Winegarden, worked for quite some time on
> these algorithms. I will ask if he would write up something on them.
> However, given that our funding has been cut, there's not much chance
> of getting this system in place...
>
> Debbie
>
>
> On 4/17/13 6:08 PM, Steve Berl wrote:
>>
>> Knowing the time of sunrise or sunset is only part of the
>> problem. Recognizing the shape of the signal strength curve and
>> that it "looks like" a sunrise curve is the part I would like to
>> see how it is done.
>>
>>
>> Steve
>>
>> On Wednesday, April 17, 2013, Eric Gibert wrote:
>>
>> It is easy to import pyephem. Location shall use the
>> coordinate of the data file, the date is also found on the
>> header, then sunset and sunrise are provided by a simple
>> method call.
>>

>> Download and tutorial on http://rhodesmill.org/pyephem/
>>
>> Best regards
>> Eric
>> --
>> *De :* Steve Berl <steveberl@...>
>> *? :* Deborah Scherrer <dscherrer@...>
>> *Cc :* "Super_SID@yahoogroups.com"
>> <Super_SID@yahoogroups.com>; "supersid@..."
>> <supersid@...>; Scott Winegarden
>> <scottw@...>
>> *Envoy? le :* Mardi 16 avril 2013 9h54
>> *Objet :* Re: [Super_SID] Downloading data files?
>>
>> I'd be interested in the nitty gritty of the algorithm for
>> detecting the sunrise/sunset signatures.
>>
>> Perhaps it would be useful as a tool for end users to help
>> them select which stations to monitor?
>> I've already been thinking about a config file validator, and
>> a data file validator would fit right in.
>>
>> I would also be able to help other sites to improve the
>> quality of their data.
>>
>> -steve
>>
>>
>> On Mon, Apr 15, 2013 at 5:10 PM, Deborah Scherrer
>> <dscherrer@...> wrote:
>>
>> Yes, our software adds the DataMin and DataMax fields to
>> help us scale the plots.
>>
>> The dataquality things are a longer story. Once we
>> started to receive a lot of
>> SuperSID data files, we noticed that many of them showed
>> either very noisy
>> or just plain bad data. What we'd commonly see what a new
>> site came is
>> was files from monitoring 6 transmitter sites. Of those,
>> 2 or 3 would
>> show a good sunrise/set signature and the other 3-4 would
>> be bad,
>> i.e. not aligned with the signal, data. This was
>> happening so often that
>> we looked into ways to validate the quality of the data.
>>
>> My programmer, Scott Winegarden, played around with
>> several algorithms to

>> detect a valid sunrise/set signature and distinguish the
>> reasonable data from
>> the others than were essentially noise. He eventually
>> found some that worked
>> pretty well.
>>
>> The initial goal was to use this information
>> to contact the various sites, letting them know that they
>> were picking up very
>> good signals from some transmitters, but noisy or bad
>> ones from the others.
>>
>> The code for these algorithms actually works and has been
>> tested. However, to make the
>> feature useful, I still need to change the data
>> processing software to include the new
>> keywords and run the code on incoming data. I also need
>> to set up a run-through of
>> all our existing data to get it analyzed as well.
>>
>> I was essentially set to add those changes when we lost
>> funding for Scott, and any other
>> student helpers. At this point I realized that, even if
>> we could determine quality data
>> from noise, there was no one here to contact the various
>> sites and work with them
>> to improve their data. So I never got around to
>> implementing the code.
>>
>> If you, i.e. the people in the SID community, think this
>> would be valuable information
>> to have, I could (eventually) get the code finished. It
>> would be most useful if people
>> were also willing to work with their colleagues to clean
>> up the various data.
>>
>> Let me know what you think. Currently it's pretty low
>> priority on my (almost endless)
>> To-Do List. ;-)
>>
>> Debbie
>>
>>
>>
>> On 4/1/13 9:38 AM, Steve Berl wrote:
>>> Hi Everyone,
>>>
>>> If I download data files from
>>> sid.stanford.edu/database-browser
>>> <http://sid.stanford.edu/database-browser>, it contains

>>> a few fields that I don't understand.
>>>
>>> I'm going to guess that DataMin and DataMax are the max
>>> and min values of the data in this file, which might be
>>> useful for scaling plots, etc.
>>>
>>> What are dataquality_average_v0.1 and dataquality_max_v0.1?
>>>
>>> Thanks in advance,
>>> --
>>> -steve
>>
>>
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>> -steve
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>>
>> --
>> -steve
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>
> --
> -steve
>

1163. Re: [Super_SID] Re: Downloading data files?

Yahoo group: Super_SID
Date: 2013-05-31 00:17:10 UTC
From: Steve Berl
Topic: 1107 Message: 1163

Sounds good. Got too many things in the pipeline right now, so no hurry. In some sense, better later than now :-)

-steve

On Thu, May 30, 2013 at 4:16 PM, Deborah Scherrer <
dscherrer@...> wrote:

> Along the lines of better-late-than-never, I am getting access to this
> code
> and will send it out.
>
> Debbie
>
> On 4/22/13 11:54 AM, Steve Berl wrote:
>
>
> I could be as simple as sending out the code that calculates the data
> quality value?
>
> I'd hope to use that to create a tool to calculate that and similar data
> analysis on my local data files.
> If it works, I'd be happy to share with the rest of the list.
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> dscherrer@...> wrote:
>
>> Our programmer, Scott Winegarden, worked for quite some time on
>> these algorithms. I will ask if he would write up something on them.
>> However, given that our funding has been cut, there's not much chance
>> of getting this system in place...
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>> Debbie
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>>
>> On 4/17/13 6:08 PM, Steve Berl wrote:
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>>
>>
>> Knowing the time of sunrise or sunset is only part of the problem.
>> Recognizing the shape of the signal strength curve and that it "looks like"
>> a sunrise curve is the part I would like to see how it is done.
>>

>> Steve
>>
>> On Wednesday, April 17, 2013, Eric Gibert wrote:
>>
>>>
>>> It is easy to import pyephem. Location shall use the coordinate of
>>> the data file, the date is also found on the header, then sunset and
>>> sunrise are provided by a simple method call.
>>>
>>> Download and tutorial on http://rhodesmill.org/pyephem/
>>>
>>> Best regards
>>> Eric
>>> ------------------------------
>>> *De :* Steve Berl <steveberl@...>
>>> *À :* Deborah Scherrer <dscherrer@...u>
>>> *Cc :* "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>; "
>>> supersid@..." <supersid@...>; Scott
>>> Winegarden <scottw@...>
>>> *Envoyé le :* Mardi 16 avril 2013 9h54
>>> *Objet :* Re: [Super_SID] Downloading data files?
>>>
>>>
>>> I'd be interested in the nitty gritty of the algorithm for detecting the
>>> sunrise/sunset signatures.
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>>> which stations to monitor?
>>> I've already been thinking about a config file validator, and a data
>>> file validator would fit right in.
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>>> their data.
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>>> -steve
>>>
>>>
>>> On Mon, Apr 15, 2013 at 5:10 PM, Deborah Scherrer <
>>> dscherrer@....edu> wrote:
>>>
>>> Yes, our software adds the DataMin and DataMax fields to help us scale
>>> the plots.
>>>
>>> The dataquality things are a longer story. Once we started to receive a
>>> lot of
>>> SuperSID data files, we noticed that many of them showed either very
>>> noisy
>>> or just plain bad data. What we'd commonly see what a new site came is
>>> was files from monitoring 6 transmitter sites. Of those, 2 or 3 would
>>> show a good sunrise/set signature and the other 3-4 would be bad,

>>> i.e. not aligned with the signal, data. This was happening so often
>>> that
>>> we looked into ways to validate the quality of the data.
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>>> My programmer, Scott Winegarden, played around with several algorithms to
>>> detect a valid sunrise/set signature and distinguish the reasonable data
>>> from
>>> the others than were essentially noise. He eventually found some that
>>> worked
>>> pretty well.
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>>> The initial goal was to use this information
>>> to contact the various sites, letting them know that they were picking
>>> up very
>>> good signals from some transmitters, but noisy or bad ones from the
>>> others.
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>>> The code for these algorithms actually works and has been tested.
>>> However, to make the
>>> feature useful, I still need to change the data processing software to
>>> include the new
>>> keywords and run the code on incoming data. I also need to set up a
>>> run-through of
>>> all our existing data to get it analyzed as well.
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>>> I was essentially set to add those changes when we lost funding for
>>> Scott, and any other
>>> student helpers. At this point I realized that, even if we could
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>>> to improve their data. So I never got around to implementing the code.
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>>> valuable information
>>> to have, I could (eventually) get the code finished. It would be most
>>> useful if people
>>> were also willing to work with their colleagues to clean up the various
>>> data.
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>>> (almost endless)
>>> To-Do List. ;-)
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>>> Debbie
>>>
>>>
>>>
>>> On 4/1/13 9:38 AM, Steve Berl wrote:
>>>

>>>
>>> Hi Everyone,
>>>
>>> If I download data files from sid.stanford.edu/database-browser, it
>>> contains a few fields that I don't understand.
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>>> I'm going to guess that DataMin and DataMax are the max and min values
>>> of the data in this file, which might be useful for scaling plots, etc.
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>>> What are dataquality_average_v0.1 and dataquality_max_v0.1?
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>>> Thanks in advance,
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-steve

1164. NAA down?

Yahoo group: Super_SID
Date: 2013-06-03 14:48:06 UTC
From: ciprian_sufitchi
Topic: 1164 Message: 1164

Hello,

Does anyone know, is the NAA transmitter down? My monitor has no signal on 24 kHz since 0600 UTC today.

Thanks,
Chip

1165. Re: [Super_SID] NAA down?

Yahoo group: Super_SID
Date: 2013-06-03 15:08:28 UTC
From: Marcus Leech
Topic: 1164 Message: 1165

My recollection (I haven't monitored for several months) is that NAA regularly goes down on Mondays for maint.

on Jun 03, 2013, ciprian_sufitchi wrote:

Hello,

Does anyone know, is the NAA transmitter down? My monitor has no signal on 24 kHz since 0600 UTC today.

Thanks,
Chip

1166. Possible detection of a C1.8 flare

Yahoo group: Super_SID
Date: 2013-06-04 02:01:31 UTC
From: Tulio
Topic: 1166 Message: 1166
Attachments: 2 described; binary payloads are missing from this source WARC

Hello,

Looking at my SID charts for today, I found something very interesting:
[image: Imagem inline 1]

As I recently discovered this new station at 34.270 kHz and not identified yet, seems like it's a good detection.

Do you think we can assume for sure the big spike just under the C1.8 flare is correlated with the flare? C1.8 is very weak and perhaps not easy discernable as it is here.

I enclose a graph picture and the station's captured data for today.

Thanks,

Best regards

Tulio Baars
Skype: tulio.baars.meira
+55 (47) 9134-5952
*
*

1167. Re: [Super_SID] Possible detection of a C1.8 flare [2 Attachments]

Yahoo group: Super_SID
Date: 2013-06-04 04:24:10 UTC
From: Ciprian Sufitchi
Topic: 1166 Message: 1167
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Tulio,

My personal feeling is the spike was not related to the C1.8 flare.
If you plot the X-ray level as measured by GOES-15 against your data you could see that your SID receiver experienced the spike before the satellite. See the picture attached.
Data from GOES-15 has been retrieved from
http://www.swpc.noaa.gov/ftpdir/lists/xray/20130603_Gp_xr_1m.txt
You should also notice that the SID spike does not have the standard pattern of X flares (sudden increase then gradually decrease), although the event as reported by GOES-15 has the classial shape.
I also recorded this unusual spike on my 24.0 kHz monitor while NAA was not transmitting (!).

Chip

From: Tulio <tuliobaars@...>
To: Super_SID@yahoogroups.com
Sent: Monday, June 3, 2013 10:01 PM
Subject: [Super_SID] Possible detection of a C1.8 flare [2 Attachments]

[Attachment(s) from Tulio included below]
Hello,

Looking at my SID charts for today, I found something very interesting:

As I recently discovered this new station at 34.270 kHz and not identified yet, seems like it's a good detection.

Do you think we can assume for sure the big spike just under the C1.8 flare is correlated with the flare? C1.8 is very weak and perhaps not easy discernable as it is here.

I enclose a graph picture and the station's captured data for today.

Thanks,

Best regards

Tulio Baars
Skype: tulio.baars.meira
+55 (47) 9134-5952

1168. (no subject)

Yahoo group: Super_SID
Date: 2013-06-04 06:07:47 UTC
From: Ralph Rogge
Topic: 1168 Message: 1168
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1169. Timing of C9.5 06/03/2013

Yahoo group: Super_SID
Date: 2013-06-04 06:24:36 UTC
From: Ralph Rogge
Topic: 1169 Message: 1169
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1170. Fwd: Re: About SID designing and distribution

Yahoo group: Super_SID
Date: 2013-06-04 23:13:20 UTC
From: Deborah Scherrer
Topic: 1170 Message: 1170

Would anyone be interested in putting together a bibliography of SID-related papers? You could start here:

http://solar-center.stanford.edu/SID/publications/

But that list is pretty old.

Debbie

-------- Original Message --------
Subject: Re: About SID designing and distribution
Date: Sat, 1 Jun 2013 03:23:29 -0700 (PDT)
From: Kamran Mukhtar <kamran.mukhtar@...>
Reply-To: Kamran Mukhtar <kamran.mukhtar@...>
To: dscherrer@... <dscherrer@...>
CC: WILLIAM & MELINDA LORD <ap_guardian@...>

Dear,
I am always thankful of you for such such kind help to us. You
should put me in loop of mentioned people that is good. About the
project I will let you know progress with time. Students would let know
to use and share Stanford and SARA, SID database.
I am planning to publish some results and algorithms of SID data
processing but I have not found any base material particularly
Scholastic articles, can you please guide me or send me some papers
which helps me in writing me a research paper.
regards,

Kamran Mukhtar
Asst. Manager
Space Weather Monitoring Division
SUPARCO, Karachi

From: Deborah Scherrer <dscherrer@...>
To: Kamran Mukhtar <kamran.mukhtar@...>
Cc: WILLIAM & MELINDA LORD <ap_guardian@...>
Sent: Friday, May 31, 2013 5:32 AM
Subject: Re: About SID designing and distribution

We are very pleased to hear you are finding the SID monitors helpful for
space education!
And we are pleased to know that the Space Agency of Pakistan would like
to provide as
many as possible to students in your country. We certainly have no
problem with your
manufacturing your own. In fact, a professor in Malaysia has also

manufactured her
own for distribution there. I can put you in touch with her if you'd like.

You are welcome to use all our educational materials with your own
systems, assuming
they work similarly. Your students are also very welcome to
contribute their data
to the SID centralized database here at Stanford. You might want to
acknowledge
the Stanford Solar Center as the developer of the program, and the SARA
group
as producer and distributor. The UN's ISWI would be good also.

You might want to get in touch with Bill Lord, President of the SARA
group, and the person
from whom you probably got your SuperSID. The SARA people manufacture
our SIDs, and
perhaps might be able to help you out.

Please do let us know about the progress of your project. We look
forward to having your
students from Pakistan in our SID community!

Deborah

On 5/27/13 12:40 PM, Kamran Mukhtar wrote:
> Dear Deborah,
> I have analyzed the data of my SuperSID monitor
> and successfully detected many solar flares. It is quite interesting
> task and very helpful for space education and awareness purposes.
> Since I am from Space agency of Pakistan so I want these instruments
> should be in reach of students of my country. Therefore planning to
> manufacture/design this simple instrument and distribute at graduate
> level students, since space education is not well known subject here
> in Pakistan.
> I think there should be no problem of copy rights if we design and
> distribute SID monitors our own. Definitely, the acknowledgement would
> be to Stanford University and may be ISWI also. What is the proper way
> will you please guide me.
>
> regards,
>
> Kamran Mukhtar
> Asst. Manager
> Space Weather Monitoring Division
> SUPARCO, Karachi
>
> ---
> *From:* Deborah Scherrer <dscherrer@...>
> <mailto:dscherrer@...>
> *To:* Kamran Mukhtar <kamran.mukhtar@...>

> <mailto:kamran.mukhtar@...>
> *Sent:* Tuesday, April 23, 2013 1:05 AM
> *Subject:* Re: [Super_SID] Time delay in flare phenomenon of SID data
>
> The timing on your SID data is taken from your computer clock.
> It is not checked on the net nor in any way synchronized with
> an automatic time signal. Hence, if the time is set wrong in your
> computer, the timing will be wrong in your data. This happens
> ALL the time, and is the primary cause for not being able to
> compare SID data timestamps.
>
> At the time we wrote the code, there was no other option than to
> purchase a GPS device, which would have made the SIDs too expensive.
> Now, however, they are options to synchronize one's computer clock
> over the web. I believe the SID software committee is looking into
> adding that feature.
>
> However, if your timing is usually correct, with only certain stations
> being wrong, than I have no idea what may be wrong. I have never
> heard of that problem before.
>
> Deborah
>
> On 4/22/13 1:01 PM, Kamran Mukhtar wrote:
>> Dear,
>> Time zone for Pakistan is 05+UTC is selected in conf file
>> therefore it shouldn't be misadjusted. While some peaks of other
>> stations are quite in phase to solar flares. But in data files it
>> always appear as UTC-19 hrs. Should there be any problem because of it?
>> regards,
>>
>> Kamran Mukhtar
>> Asst. Manager
>> Space Weather Monitoring Division
>> SUPARCO, Karachi
>>
>> ---
>> *From:* Deborah Scherrer <dscherrer@...>
>> <mailto:dscherrer@...>
>> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
>> *Cc:* Kamran <kamran.mukhtar@...>
>> <mailto:kamran.mukhtar@...>
>> *Sent:* Tuesday, April 23, 2013 12:43 AM
>> *Subject:* Re: [Super_SID] Time delay in flare phenomenon of SID data
>>
>> Most likely your computer clock is misadjusted. ;-)
>>
>> Deborah
>>
>> On 4/22/13 12:38 PM, Kamran wrote:

>>> I have detected some of flares in my SID data while comparing it
>>> with GOES x-ray flares. But mostly I found some time delay in SID
>>> spikes (spikes are not in phase) as compared to solar flares of
>>> about one hour time range (JJI station data). Is this really flare
>>> phenomenon and if so what is the reason of this time delay in spikes
>>> of SID data and flare data?
>>>
>>>
>>>
>>
>>
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>
>
>

1171. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2013-06-05 16:44:50 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 1171

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /VLF-tools/vlfrx-tools_0.6f-1_i386.deb
Uploaded by : yo9gjx <yo9gjx@...>
Description :

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/VLF-tools/vlfrx-tools_0.6f-1_i386.deb

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

yo9gjx <yo9gjx@...>

1172. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2013-06-05 16:47:14 UTC
From: Super_SID@yahoogroups.com
Topic: 21 Message: 1172

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /VLF-tools/VLF-tools.pdf
Uploaded by : yo9gjx <yo9gjx@...>
Description :

You can access this file at the URL:
http://groups.yahoo.com/group/Super_SID/files/VLF-tools/VLF-tools.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

yo9gjx <yo9gjx@...>

1173. Fwd: Re: About SID designing and distribution

Yahoo group: Super_SID
Date: 2013-06-06 17:33:15 UTC
From: Deborah Scherrer
Topic: 1170 Message: 1173

FYI

-------- Original Message --------
Subject: Re: About SID designing and distribution
Date: Wed, 5 Jun 2013 15:49:28 -0600
From: Don Rice <rice@...>
To: Deborah Scherrer <dscherrer@...>
CC: Kamran Mukhtar <kamran.mukhtar@...>, "WILLIAM & MELINDA LORD"
<ap_guardian@...>, Steve Kristoff <skristof@...>

I think for the last few decades SIDs have been regarded as nuisances
more than anything. Studies of phase changes (rather than amplitude
that our plots show) have been used to infer D region changes. There
were some older studies in the 1960s and early 70s that tried to connect
SID amplitudes to solar flare characteristics before satellites were
available to measure the flare behavior. (No, I'm not that old, I've
just done literature searches...)
Davies' "Ionospheric Radio" text has a section on VLF propagation and a
brief description of SIDs and related terms. There are several editions
of this text from the 1960s to 1990 or so, worth digging up for general
background. The wikipedia article for SIDs is basically a summary of
Davies' discussion (which it cites).
I'll dig up my VLF file and see if there is anything useful there, but I
think it is mostly talking about D-region behavior and ionospheric
waveguides.

Don

On Wed, Jun 5, 2013 at 10:51 AM, Deborah Scherrer
<dscherrer@... <mailto:dscherrer@...>> wrote:

Thanks, Don. I think this community is primarily concerned with the
SIDs. Could
you recommend any particular review article that one might use to
get up to
speed on the field?

And thanks much for taking the time to respond to this!

Debbie

On 6/5/13 8:50 AM, Don Rice wrote:
> Deborah,
> You have our main publications on the subject in your list. Most
> of the academic publications on VLF signal reception are quite
> old, with quite a few in the 1960s and into the 1970s, when papers
> became scarce. Most of the more recent work in the more

> theoretical realms has been done there at Stanford.
> A lot depends on what your research goals are. If you are
> developing algorithms to detect daytime SIDs that should be
> reasonably straightforward with some statistics and curve
> fitting. If you are trying to understand variations other than
> SIDs, that gets in to a lot of complications involving the D
> region of the ionosphere and propagation in an imperfect
> waveguide, and that's what a lot of the academic papers in the
> last 50 years or so have dealt with.
>
> Don
>
>
> On Tue, Jun 4, 2013 at 5:16 PM, Deborah Scherrer
> <dscherrer@...
> <mailto:dscherrer@...>> wrote:
>
> Unfortunately we do not have a current bibliography. There is
> an old one on our website:
> http://solar-center.stanford.edu/SID/publications/
>
> My colleague Don Rice may know of a few more, since he has
> personally published some.
> Don, any suggestions for Kamran?
>
> Hope this helps!
>
> Deborah
>
> On 6/1/13 3:23 AM, Kamran Mukhtar wrote:
>> Dear,
>> I am always thankful of you for such such kind help to
>> us. You should put me in loop of mentioned people that is
>> good. About the project I will let you know progress with
>> time. Students would let know to use and share Stanford and
>> SARA, SID database.
>> I am planning to publish some results and algorithms of SID
>> data processing but I have not found any base material
>> particularly Scholastic articles, can you please guide me or
>> send me some papers which helps me in writing me a research
>> paper.
>> regards,
>>
>> Kamran Mukhtar
>> Asst. Manager
>> Space Weather Monitoring Division
>> SUPARCO, Karachi
>>

1174. Fwd: Dear Scherrer, D. , dscherrer@solar.stan ford.edu Studies in Atmospheric Science — Published for Free!

Yahoo group: Super_SID
Date: 2013-06-07 03:10:30 UTC
From: Deborah Scherrer
Topic: 1174 Message: 1174

Anyone want to contribute SID-related papers to a journal?

Debbie

-------- Original Message --------
Subject: Dear Scherrer, D. , dscherrer@... Studies in
Atmospheric Science — Published for Free!
Date: Thu, 06 Jun 2013 16:46:04 +0800
From: sias08@...
To: dscherrer <dscherrer@...>

Dear Scherrer, D.,

Journal Name: */Studies in Atmospheric Science (SIAS)/*//

/Publisher: /Science and Engineering Publishing Company, USA

Frequency: Quarterly

Language: English

We’re honored to contact you. We searched a good paper of yours:

*Published at: **Advances in Space Research***

*Title: **Distributing space weather monitoring instruments and
educational materials worldwide for IHY 2007%3A The AWESOME and SID
project***

**

*/Studies in Atmospheric Science (SIAS) /*is an internationally refereed
journal dedicated to publishing the latest advancements in different
areas of Atmospheric Science. The goal of this journal is to record the
latest findings and promote further research in these areas. Scholars
from all relevant academic fields are invited to submit high-quality
manuscripts that describe the latest, state-of-the-art research results
or innovations.

Home Page:http://www.seipub.org/SIAS/

*Your **latest unpublished**papers are warmly welcome! It will be
published with no charge!*

**

If you have an interest, pls submit your paper before *Jul. 05, 2013*

We’re available by e-mail:***SIAS@...* <mailto:SIAS@...>*.*

Best Regards,

Editorial Board office

//

//

1175. Fwd: Re: About SID designing and distribution

Yahoo group: Super_SID
Date: 2013-06-07 18:45:04 UTC
From: Deborah Scherrer
Topic: 1170 Message: 1175

Good references below from Don Rice.

Debbie

-------- Original Message --------
Subject: Re: About SID designing and distribution
Date: Fri, 7 Jun 2013 10:39:29 -0600
From: Don Rice <rice@...>
To: Deborah Scherrer <dscherrer@...>
CC: Kamran Mukhtar <kamran.mukhtar@...>, "WILLIAM & MELINDA LORD"
<ap_guardian@...>, Steve Kristoff <skristof@...>

Debbie,
Here are some VLF references that may or may not be useful, if you can
locate them.

Large solar flares and their ionospheric D region enhancements (2005)
Thomson, Rodger, and Clilverd, J. of Geophys. Research, V 110, A06306,
doi:10.1029/2005JA011008
Talks about the X17 superflare from Nov 2003 and effects on VLF, the D
region, and other things. These same authors in various combinations
have done most of the recent VLF stuff that I'm aware of, other than the
Stanford group, but mostly looking at lightning signatures rather than
solar SIDs.

Analysing and classifying VLF transients (2006)
Schmitter, International J. of Signal Process., V 3 #4, p. 238
Talks about recognizing signatures in VLF signals, mostly short (a few
seconds) lightning responses but might give some ideas of approaches for
other VLF signature analysis.

Detection and classification of solar x-ray flares using VLF phase and
amplitude information (1974)
Kossey and Lewis, Air Force Cambridge Research Laboratories technical
report, AFCRL-TR-74-0468
Definitely old school but relevant to the Stanford SID type work. I
only have a partial copy but it has a good introduction to the SID/VLF
topic. I think the bulk of the report that I don't have here has to do
with ancient FORTRAN models. If you can't chase down a copy of this
one, I can try scanning what I have, which is about 20 pages.

Don

On Thu, Jun 6, 2013 at 11:32 AM, Deborah Scherrer
<dscherrer@... <mailto:dscherrer@...>> wrote:

Thanks, Don. This is a useful starter.

Debbie

On 6/5/13 2:49 PM, Don Rice wrote:
> I think for the last few decades SIDs have been regarded as
> nuisances more than anything. Studies of phase changes (rather
> than amplitude that our plots show) have been used to infer D
> region changes. There were some older studies in the 1960s and
> early 70s that tried to connect SID amplitudes to solar flare
> characteristics before satellites were available to measure the
> flare behavior. (No, I'm not that old, I've just done literature
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> Davies' "Ionospheric Radio" text has a section on VLF propagation
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> is basically a summary of Davies' discussion (which it cites).
> I'll dig up my VLF file and see if there is anything useful there,
> but I think it is mostly talking about D-region behavior and
> ionospheric waveguides.
>
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> Don
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>
> On Wed, Jun 5, 2013 at 10:51 AM, Deborah Scherrer
> <dscherrer@...
> <mailto:dscherrer@...>> wrote:
>
> Thanks, Don. I think this community is primarily concerned
> with the SIDs. Could
> you recommend any particular review article that one might use
> to get up to
> speed on the field?
>
> And thanks much for taking the time to respond to this!
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> Debbie
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> On 6/5/13 8:50 AM, Don Rice wrote:
>> Deborah,
>> You have our main publications on the subject in your list.
>> Most of the academic publications on VLF signal reception are
>> quite old, with quite a few in the 1960s and into the 1970s,
>> when papers became scarce. Most of the more recent work in
>> the more theoretical realms has been done there at Stanford.
>> A lot depends on what your research goals are. If you are
>> developing algorithms to detect daytime SIDs that should be
>> reasonably straightforward with some statistics and curve
>> fitting. If you are trying to understand variations other
>> than SIDs, that gets in to a lot of complications involving

>> the D region of the ionosphere and propagation in an
>> imperfect waveguide, and that's what a lot of the academic
>> papers in the last 50 years or so have dealt with.
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>> On Tue, Jun 4, 2013 at 5:16 PM, Deborah Scherrer
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>> Unfortunately we do not have a current bibliography.
>> There is an old one on our website:
>> http://solar-center.stanford.edu/SID/publications/
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>> My colleague Don Rice may know of a few more, since he
>> has personally published some.
>> Don, any suggestions for Kamran?
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>>> SID data processing but I have not found any base
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>>> please guide me or send me some papers which helps me in
>>> writing me a research paper.
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>>> Kamran Mukhtar
>>> Asst. Manager
>>> Space Weather Monitoring Division
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>>> *From:* Deborah Scherrer <dscherrer@...>
>>> <mailto:dscherrer@...>
>>> *To:* Kamran Mukhtar <kamran.mukhtar@...>
>>> <mailto:kamran.mukhtar@...>
>>> *Cc:* WILLIAM & MELINDA LORD <ap_guardian@...>
>>> <mailto:ap_guardian@...>
>>> *Sent:* Friday, May 31, 2013 5:32 AM

>>> *Subject:* Re: About SID designing and distribution
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>>> We are very pleased to hear you are finding the SID
>>> monitors helpful for space education!
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>>> many as possible to students in your country. We
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>>> own for distribution there. I can put you in touch with
>>> her if you'd like.
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>>> You are welcome to use all our educational materials
>>> with your own systems, assuming
>>> they work similarly. Your students are also very welcome
>>> to contribute their data
>>> to the SID centralized database here at Stanford. You
>>> might want to acknowledge
>>> the Stanford Solar Center as the developer of the
>>> program, and the SARA group
>>> as producer and distributor. The UN's ISWI would be good
>>> also.
>>>
>>> You might want to get in touch with Bill Lord, President
>>> of the SARA group, and the person
>>> from whom you probably got your SuperSID. The SARA
>>> people manufacture our SIDs, and
>>> perhaps might be able to help you out.
>>>
>>> Please do let us know about the progress of your
>>> project. We look forward to having your
>>> students from Pakistan in our SID community!
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>>> Deborah
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>>> On 5/27/13 12:40 PM, Kamran Mukhtar wrote:
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>>>> the acknowledgement would be to Stanford University and
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>>>> Kamran Mukhtar
>>>> Asst. Manager
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>>>> SUPARCO, Karachi
>>>>
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>>>> *From:* Deborah Scherrer <dscherrer@...>
>>>> <mailto:dscherrer@...>
>>>> *To:* Kamran Mukhtar <kamran.mukhtar@...>
>>>> <mailto:kamran.mukhtar@...>
>>>> *Sent:* Tuesday, April 23, 2013 1:05 AM
>>>> *Subject:* Re: [Super_SID] Time delay in flare
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>>>>
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>>>> computer clock
>>>> over the web. I believe the SID software committee is
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>>>> adding that feature.
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>>>> However, if your timing is usually correct, with only
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>>>> Deborah
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>>>>> Kamran Mukhtar
>>>>> Asst. Manager
>>>>> Space Weather Monitoring Division
>>>>> SUPARCO, Karachi
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>>>>> *From:* Deborah Scherrer
>>>>> <dscherrer@...>
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>>>>> *To:* Super_SID@yahoogroups.com
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>>>>> *Cc:* Kamran <kamran.mukhtar@...>
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>>>>>> hour time range (JJI station data). Is this really
>>>>>> flare phenomenon and if so what is the reason of this
>>>>>> time delay in spikes of SID data and flare data?
>>>>>>
>>
>>
>> --
>> Donald Rice, Electrical Engineer Phone: (435) 752-6567
>> <tel:%28435%29%20752-6567>
>> Space Environment Corporation Fax: (435) 752-6687
>> <tel:%28435%29%20752-6687>
>> 221 N Gateway Drive, Suite A E-mail:
>> Providence UT 84332 Don.Rice@...
>> <mailto:Don.Rice@...>
>

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>
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> --
> Donald Rice, Electrical Engineer Phone: (435) 752-6567
> <tel:%28435%29%20752-6567>
> Space Environment Corporation Fax: (435) 752-6687
> <tel:%28435%29%20752-6687>
> 221 N Gateway Drive, Suite A E-mail:
> Providence UT 84332 Don.Rice@... <mailto:Don.Rice@...>

--
Donald Rice, Electrical Engineer Phone: (435) 752-6567
Space Environment Corporation Fax: (435) 752-6687
221 N Gateway Drive, Suite A E-mail:
Providence UT 84332 Don.Rice@... <mailto:Don.Rice@...>

1176. Re: [Super_SID] Fwd: Re: About SID designing and distribution

Yahoo group: Super_SID
Date: 2013-06-07 19:33:11 UTC
From: Ed Kane
Topic: 1170 Message: 1176

From: Deborah Scherrer <dscherrer@...>
Organization: Stanford University
Reply-To: <Super_SID@yahoogroups.com>
Date: Friday, June 7, 2013 11:45 AM
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Subject: [Super_SID] Fwd: Re: About SID designing and distribution

Good references below from Don Rice.

Debbie

-------- Original Message --------
Subject: Re: About SID designing and distribution
Date: Fri, 7 Jun 2013 10:39:29 -0600
From: Don Rice <rice@...m> <mailto:rice@...>
To: Deborah Scherrer <dscherrer@...rd.edu>
<mailto:dscherrer@...>
CC: Kamran Mukhtar <kamran.mukhtar@...>
<mailto:kamran.mukhtar@...> , "WILLIAM & MELINDA LORD"
<ap_guardian@...> <mailto:ap_guardian@...> , Steve Kristoff
<skristof@...> <mailto:skristof@...>

Debbie,

Here are some VLF references that may or may not be useful, if you can
locate them.

Large solar flares and their ionospheric D region enhancements (2005)

Thomson, Rodger, and Clilverd, J. of Geophys. Research, V 110, A06306,
doi:10.1029/2005JA011008

Talks about the X17 superflare from Nov 2003 and effects on VLF, the D
region, and other things. These same authors in various combinations have
done most of the recent VLF stuff that I'm aware of, other than the Stanford
group, but mostly looking at lightning signatures rather than solar SIDs.

Analysing and classifying VLF transients (2006)

Schmitter, International J. of Signal Process., V 3 #4, p. 238

Talks about recognizing signatures in VLF signals, mostly short (a few
seconds) lightning responses but might give some ideas of approaches for
other VLF signature analysis.

Detection and classification of solar x-ray flares using VLF phase and
amplitude information (1974)

Kossey and Lewis, Air Force Cambridge Research Laboratories technical report, AFCRL-TR-74-0468

Definitely old school but relevant to the Stanford SID type work. I only have a partial copy but it has a good introduction to the SID/VLF topic. I think the bulk of the report that I don't have here has to do with ancient FORTRAN models. If you can't chase down a copy of this one, I can try scanning what I have, which is about 20 pages.

Don

On Thu, Jun 6, 2013 at 11:32 AM, Deborah Scherrer <dscherrer@...> wrote:

> Thanks, Don. This is a useful starter.
>
> Debbie
>
>
>
> On 6/5/13 2:49 PM, Don Rice wrote:
>
>
>> I think for the last few decades SIDs have been regarded as nuisances more
>> than anything. Studies of phase changes (rather than amplitude that our
>> plots show) have been used to infer D region changes. There were some older
>> studies in the 1960s and early 70s that tried to connect SID amplitudes to
>> solar flare characteristics before satellites were available to measure the
>> flare behavior. (No, I'm not that old, I've just done literature
>> searches...)
>>
>> Davies' "Ionospheric Radio" text has a section on VLF propagation and a
>> brief description of SIDs and related terms. There are several editions of
>> this text from the 1960s to 1990 or so, worth digging up for general
>> background. The wikipedia article for SIDs is basically a summary of Davies'
>> discussion (which it cites).
>>
>> I'll dig up my VLF file and see if there is anything useful there, but I
>> think it is mostly talking about D-region behavior and ionospheric
>> waveguides.
>>
>>
>>
>>
>>
>> Don
>>

>>
>>
>>
>>
>> On Wed, Jun 5, 2013 at 10:51 AM, Deborah Scherrer
>> <dscherrer@...> wrote:
>>
>>>
>>> Thanks, Don. I think this community is primarily concerned with the SIDs.
>>> Could
>>> you recommend any particular review article that one might use to get up to
>>> speed on the field?
>>>
>>> And thanks much for taking the time to respond to this!
>>>
>>> Debbie
>>>
>>>
>>>
>>>
>>> On 6/5/13 8:50 AM, Don Rice wrote:
>>>
>>>
>>>>
>>>>
>>>>
>>>> Deborah,
>>>>
>>>> You have our main publications on the subject in your list. Most of the
>>>> academic publications on VLF signal reception are quite old, with quite a
>>>> few in the 1960s and into the 1970s, when papers became scarce. Most of
>>>> the more recent work in the more theoretical realms has been done there at
>>>> Stanford.
>>>>
>>>> A lot depends on what your research goals are. If you are developing
>>>> algorithms to detect daytime SIDs that should be reasonably straightforward
>>>> with some statistics and curve fitting. If you are trying to understand
>>>> variations other than SIDs, that gets in to a lot of complications
>>>> involving the D region of the ionosphere and propagation in an imperfect
>>>> waveguide, and that's what a lot of the academic papers in the last 50
>>>> years or so have dealt with.
>>>>
>>>> Don
>>>>
>>>>
>>>>
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>>>>

>>>> On Tue, Jun 4, 2013 at 5:16 PM, Deborah Scherrer
>>>> <dscherrer@...> wrote:
>>>>
>>>>>
>>>>> Unfortunately we do not have a current bibliography. There is an old one
>>>>> on our website:
>>>>> http://solar-center.stanford.edu/SID/publications/
>>>>>
>>>>> My colleague Don Rice may know of a few more, since he has personally
>>>>> published some.
>>>>> Don, any suggestions for Kamran?
>>>>>
>>>>> Hope this helps!
>>>>>
>>>>> Deborah
>>>>>
>>>>>
>>>>> On 6/1/13 3:23 AM, Kamran Mukhtar wrote:
>>>>>
>>>>>>
>>>>>>
>>>>>> Dear,
>>>>>>
>>>>>> I am always thankful of you for such such kind help to us. You
>>>>>> should put me in loop of mentioned people that is good. About the project
>>>>>> I will let you know progress with time. Students would let know to use
>>>>>> and share Stanford and SARA, SID database.
>>>>>>
>>>>>> I am planning to publish some results and algorithms of SID data
>>>>>> processing but I have not found any base material particularly Scholastic
>>>>>> articles, can you please guide me or send me some papers which helps me
>>>>>> in writing me a research paper.
>>>>>>
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>>>>>>
>>>>>> regards,
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>>>>>>
>>>>>> Kamran Mukhtar
>>>>>>
>>>>>> Asst. Manager
>>>>>>
>>>>>> Space Weather Monitoring Division
>>>>>>
>>>>>> SUPARCO, Karachi
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>>>>>> From: Deborah Scherrer <dscherrer@...>
>>>>>> <mailto:dscherrer@...d.edu>
>>>>>> To: Kamran Mukhtar <kamran.mukhtar@...>
>>>>>> <mailto:kamran.mukhtar@...>
>>>>>> Cc: WILLIAM & MELINDA LORD <ap_guardian@yahoo.com>
>>>>>> <mailto:ap_guardian@...>
>>>>>> Sent: Friday, May 31, 2013 5:32 AM
>>>>>> Subject: Re: About SID designing and distribution
>>>>>>
>>>>>>
>>>>>>
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>>>>>>
>>>>>> We are very pleased to hear you are finding the SID monitors helpful for
>>>>>> space education!
>>>>>> And we are pleased to know that the Space Agency of Pakistan would like
>>>>>> to provide as
>>>>>> many as possible to students in your country. We certainly have no
>>>>>> problem with your
>>>>>> manufacturing your own. In fact, a professor in Malaysia has also
>>>>>> manufactured her
>>>>>> own for distribution there. I can put you in touch with her if you'd
>>>>>> like.
>>>>>>
>>>>>> You are welcome to use all our educational materials with your own
>>>>>> systems, assuming
>>>>>> they work similarly. Your students are also very welcome to
>>>>>> contribute their data
>>>>>> to the SID centralized database here at Stanford. You might want to
>>>>>> acknowledge
>>>>>> the Stanford Solar Center as the developer of the program, and the SARA
>>>>>> group
>>>>>> as producer and distributor. The UN's ISWI would be good also.
>>>>>>
>>>>>> You might want to get in touch with Bill Lord, President of the SARA
>>>>>> group, and the person
>>>>>> from whom you probably got your SuperSID. The SARA people manufacture
>>>>>> our SIDs, and
>>>>>> perhaps might be able to help you out.
>>>>>>
>>>>>> Please do let us know about the progress of your project. We look
>>>>>> forward to having your
>>>>>> students from Pakistan in our SID community!

>>>>>>
>>>>>> Deborah
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>>>>>> On 5/27/13 12:40 PM, Kamran Mukhtar wrote:
>>>>>>
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>>>>>>>
>>>>>>> Dear Deborah,
>>>>>>>
>>>>>>> I have analyzed the data of my SuperSID monitor and
>>>>>>> successfully detected many solar flares. It is quite interesting task
>>>>>>> and very helpful for space education and awareness purposes. Since I am
>>>>>>> from Space agency of Pakistan so I want these instruments should be in
>>>>>>> reach of students of my country. Therefore planning to
>>>>>>> manufacture/design this simple instrument and distribute at graduate
>>>>>>> level students, since space education is not well known subject here in
>>>>>>> Pakistan.
>>>>>>>
>>>>>>> I think there should be no problem of copy rights if we design and
>>>>>>> distribute SID monitors our own. Definitely, the acknowledgement would
>>>>>>> be to Stanford University and may be ISWI also. What is the proper way
>>>>>>> will you please guide me.
>>>>>>>
>>>>>>>
>>>>>>>
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>>>>>>>
>>>>>>> regards,
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>>>>>>>
>>>>>>> Kamran Mukhtar
>>>>>>>
>>>>>>> Asst. Manager
>>>>>>>
>>>>>>> Space Weather Monitoring Division
>>>>>>>
>>>>>>> SUPARCO, Karachi
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>>>>>>>
>>>>>>> From: Deborah Scherrer <dscherrer@....edu>
>>>>>>> <mailto:dscherrer@...>
>>>>>>> To: Kamran Mukhtar <kamran.mukhtar@...>
>>>>>>> <mailto:kamran.mukhtar@...>
>>>>>>> Sent: Tuesday, April 23, 2013 1:05 AM
>>>>>>> Subject: Re: [Super_SID] Time delay in flare phenomenon of SID data
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>> The timing on your SID data is taken from your computer clock.
>>>>>>> It is not checked on the net nor in any way synchronized with
>>>>>>> an automatic time signal. Hence, if the time is set wrong in your
>>>>>>> computer, the timing will be wrong in your data. This happens
>>>>>>> ALL the time, and is the primary cause for not being able to
>>>>>>> compare SID data timestamps.
>>>>>>>
>>>>>>> At the time we wrote the code, there was no other option than to
>>>>>>> purchase a GPS device, which would have made the SIDs too expensive.
>>>>>>> Now, however, they are options to synchronize one's computer clock
>>>>>>> over the web. I believe the SID software committee is looking into
>>>>>>> adding that feature.
>>>>>>>
>>>>>>> However, if your timing is usually correct, with only certain stations
>>>>>>> being wrong, than I have no idea what may be wrong. I have never
>>>>>>> heard of that problem before.
>>>>>>>
>>>>>>> Deborah
>>>>>>>
>>>>>>>
>>>>>>> On 4/22/13 1:01 PM, Kamran Mukhtar wrote:
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>> Dear,
>>>>>>>
>>>>>>> Time zone for Pakistan is 05+UTC is selected in conf file
>>>>>>> therefore it shouldn't be misadjusted. While some peaks of other
>>>>>>> stations are quite in phase to solar flares. But in data files it always
>>>>>>> appear as UTC-19 hrs. Should there be any problem because of it?
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>> regards,
>>>>>>>
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>>>>>>>

>>>>>>>
>>>>>>> Kamran Mukhtar
>>>>>>>
>>>>>>> Asst. Manager
>>>>>>>
>>>>>>> Space Weather Monitoring Division
>>>>>>>
>>>>>>> SUPARCO, Karachi
>>>>>>>
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>>>>>>>
>>>>>>> From: Deborah Scherrer <dscherrer@....edu>
>>>>>>> <mailto:dscherrer@...>
>>>>>>> To: Super_SID@yahoogroups.com
>>>>>>> Cc: Kamran <kamran.mukhtar@...> <mailto:kamran.mukhtar@...>
>>>>>>> Sent: Tuesday, April 23, 2013 12:43 AM
>>>>>>> Subject: Re: [Super_SID] Time delay in flare phenomenon of SID data
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>> Most likely your computer clock is misadjusted. ;-)
>>>>>>>
>>>>>>> Deborah
>>>>>>>
>>>>>>>
>>>>>>> On 4/22/13 12:38 PM, Kamran wrote:
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>> I have detected some of flares in my SID data while comparing it with
>>>>>>> GOES x-ray flares. But mostly I found some time delay in SID spikes
>>>>>>> (spikes are not in phase) as compared to solar flares of about one hour
>>>>>>> time range (JJI station data). Is this really flare phenomenon and if so
>>>>>>> what is the reason of this time delay in spikes of SID data and flare
>>>>>>> data?
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>>>> Donald Rice, Electrical Engineer Phone: (435) 752-6567
>>>> <tel:%28435%29%20752-6567>
>>>> Space Environment Corporation Fax: (435) 752-6687
>>>> <tel:%28435%29%20752-6687>
>>>> 221 N Gateway Drive, Suite A E-mail:
>>>> Providence UT 84332 Don.Rice@...
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>> Donald Rice, Electrical Engineer Phone: (435) 752-6567
>> <tel:%28435%29%20752-6567>
>> Space Environment Corporation Fax: (435) 752-6687
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Donald Rice, Electrical Engineer Phone: (435) 752-6567
Space Environment Corporation Fax: (435) 752-6687
221 N Gateway Drive, Suite A E-mail:
Providence UT 84332 Don.Rice@...

1177. article on IWSI

Yahoo group: Super_SID
Date: 2013-06-09 15:53:13 UTC
From: Deborah Scherrer
Topic: 1177 Message: 1177

The ISWI (International Space Weather Initiative, a project of the
United Nation's
Office of Outer Space Affairs) just published an article about the ISWI
itself:

http://files.mail-list.com/m/iswinewsletter/SW-Journal-article-on-ISWI.pdf

Both the SIDs and AWESOMEs are part of the ISWI project, with a goal of placing scientific instruments in developing countries of the world.

Debbie

1178. Fwd: ISWI Newsletter - Vol. 5 No. 060

Yahoo group: Super_SID
Date: 2013-06-11 22:16:30 UTC
From: Deborah Scherrer
Topic: 1178 Message: 1178

As most of you know, the SID/SuperSID instruments are part of the United Nation's International Space Weather Initiative (ISWI). That organization produces a newsletter frequently. Below is the edition that tells us how to use the ISWI maps and lists of instruments. You'll find the list of all SIDs and SuperSIDs, here. Enjoy!

Debbie

-------- Original Message --------
Subject: ISWI Newsletter - Vol. 5 No. 060
Resent-From: iswinewsletter@...
Date: Tue, 21 May 2013 19:07:31 +0900
From: maeda@...-u.ac.jp
To: dscherrer@...

****
* ISWI Newsletter - Vol. 5 No. 060 21 May 2013 *
* *
* I S W I = International Space Weather Initiative *
* (www.iswi-secretariat.org) *
* *
* Publisher: Professor K. Yumoto, ICSWSE, Kyushu University, Japan *
* Editor-in-Chief: Mr. George Maeda, ICSWSE (maeda[at]serc.kyushu-u.ac.jp)*
* Archive location: www.iswi-secretariat.org (maintained by Bulgaria) *
* [click on "Publication" tab, then on "Newsletter Archive"] *
* Caveat: Under the Ground Rules of ISWI, if you use any material from *
* the ISWI Newsletter or Website, however minor it may seem *
* to you, you must give proper credit to the original source. *
****

Attachment(s):
None.

: Re:
: Worldwide ISWI Instrument Distribution.
:

Dear ISWI Participant:

Among the greatest achievements of ISWI is the vast deployment of new ground-based instruments and observatories around the world. This development is well-documented and, moreover, the status of the deployment is kept up-to-date at the main ISWI website, which is http://www.iswi-secretariat.org/

This website is maintained by Mr. Dimitar Danov ("Mitko"), Space Research
and Technology Institute, Bulgarian Academy of Sciences, Block 29,
Acad. G. Bonchev Str., 1113 Sofia, BULGARIA.

To view the up-dated information concerning instrument deployment,
please go to the ISWI website and do the following:
- Move your cursor over the tab labelled "Projects"
- Click on "ISWI instrument distribution" from the pull-down menu
Next, the following menu will appear for your inspection:

<<< ISWI instrument distribution >>>
- View the position of each Instrument separately, click the image below.
- Check exactly where instruments are installed, (click here).
- List of all countries and instruments installed, (click here).
- Distribution of instruments by country (click here).
If a piece of info is not correct, please contact Mitko at
mitkodanov[at]abv.bg and let him know the problem.

Most cordially yours,
. George Maeda
. The Editor
. ISWI Newsletter

To subscribe, send a blank message to ISWInewsletter-on@...
To unsubscribe, send a blank message to ISWInewsletter-off@...
To change your email address, send a message to ISWInewsletter-change@...
with your old address in the Subject: line
To contact the list owner, send your message to
ISWInewsletter-list-owner@...
(it will get forwarded to the ISWI Newsletter Editor, who is George Maeda.)

ICSWSE, Kyushu University, Hakozaki Campus, Higashi-ku, Fukuoka, Japan.

To unsubscribe, or change your email address, click here.
<http://cgi.mail-list.com/u?ln=iswinewsletter&nm=dscherrer%40solar.stanford.edu>

This message was launched into cyberspace to dscherrer@...

1179. RE: [Super_SID] Fwd: ISWI Newsletter - Vol. 5 No. 060

Yahoo group: Super_SID
Date: 2013-06-11 22:23:34 UTC
From: D R Mynatt
Topic: 1178 Message: 1179

Thank you Deb!

Dave

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Deborah Scherrer
Sent: Tuesday, June 11, 2013 4:17 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Fwd: ISWI Newsletter - Vol. 5 No. 060

As most of you know, the SID/SuperSID instruments are part of the United Nation's International Space Weather Initiative (ISWI). That organization produces a newsletter frequently. Below is the edition that tells us how to use the ISWI maps and lists of instruments. You'll find the list of all SIDs and SuperSIDs, here. Enjoy!

Debbie

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Subject: ISWI Newsletter - Vol. 5 No. 060
Resent-From: iswinewsletter@...
Date: Tue, 21 May 2013 19:07:31 +0900
From: maeda@...-u.ac.jp
To: dscherrer@...

****

* ISWI Newsletter - Vol. 5 No. 060 21 May 2013 *

* *

* I S W I = International Space Weather Initiative *

* (www.iswi-secretariat.org) *

* *

* Publisher: Professor K. Yumoto, ICSWSE, Kyushu University, Japan *

* Editor-in-Chief: Mr. George Maeda, ICSWSE (maeda[at]serc.kyushu-u.ac.jp)*

* Archive location: www.iswi-secretariat.org (maintained by Bulgaria) *

* [click on "Publication" tab, then on "Newsletter Archive"] *

* Caveat: Under the Ground Rules of ISWI, if you use any material from *

* the ISWI Newsletter or Website, however minor it may seem *

* to you, you must give proper credit to the original source. *

****

Attachment(s):

None.

: Re:

: Worldwide ISWI Instrument Distribution.

:

Dear ISWI Participant:

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This website is maintained by Mr. Dimitar Danov ("Mitko"), Space Research

and Technology Institute, Bulgarian Academy of Sciences, Block 29,

Acad. G. Bonchev Str., 1113 Sofia, BULGARIA.

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- Move your cursor over the tab labelled "Projects"

- Click on "ISWI instrument distribution" from the pull-down menu

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<<< ISWI instrument distribution >>>

- View the position of each Instrument separately, click the image below.

- Check exactly where instruments are installed, (click here).

- List of all countries and instruments installed, (click here).

- Distribution of instruments by country (click here).

If a piece of info is not correct, please contact Mitko at

mitkodanov[at]abv.bg and let him know the problem.

Most cordially yours,

. George Maeda

. The Editor

. ISWI Newsletter

-

To subscribe, send a blank message to ISWInewsletter-on@...

To unsubscribe, send a blank message to ISWInewsletter-off@...

To change your email address, send a message to
ISWInewsletter-change@...

with your old address in the Subject: line

To contact the list owner, send your message to

ISWInewsletter-list-owner@...

(it will get forwarded to the ISWI Newsletter Editor, who is George Maeda.)

ICSWSE, Kyushu University, Hakozaki Campus, Higashi-ku, Fukuoka, Japan.

To unsubscribe, or change your email address, click here.

<http://cgi.mail-list.com/u?ln=iswinewsletter&nm=dscherrer%40solar.stanford.
edu>
<http://cgi.mail-list.com/u?ln=iswinewsletter&nm=dscherrer%40solar.stanford.
edu>

This message was launched into cyberspace to dscherrer@...

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2904 / Virus Database: 3199/6401 - Release Date: 06/11/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2904 / Virus Database: 3199/6401 - Release Date: 06/11/13

1180. RE: John ONeal

Yahoo group: Super_SID
Date: 2013-06-19 20:11:06 UTC
From: John ONeal
Topic: 1180 Message: 1180

http://www.lightbridgemedical.com/dyws/glpry/ckoi/kxwax/rixl/tmy/fsyj.htm
Best regards, John ONeal

1181. Re: John ONeal's hacked email account

Yahoo group: Super_SID
Date: 2013-06-21 13:46:51 UTC
From: John ONeal
Topic: 1180 Message: 1181

From: John ONeal <kohamher1@...>

I'm sorry about the email hack. Seems that someone has learned how to hack YAHOO mail accounts, farm the address
books and send malicious emails to unsuspecting users.
The folks at YAHOO say the problem is fixed now, but they would like everybody with a yahoo account to change their password if they haven't recently.

1182. Solar Geomagnetic Storm

Yahoo group: Super_SID
Date: 2013-06-19 21:39:28 UTC
From: Carolina Acuña
Topic: 1182 Message: 1182
Attachments: 1 described; binary payloads are missing from this source WARC

hi everyone

i'm Carolina from Colombia and i'm new with Super Sid(test stage yet) and I would like to know if anyone has some SuperSid's data from the geomagnetic storm on june 7. I really want to compare the data because i don't know for sure if my SuperSid is doing alright and that day i saw something interesting. i attached the plot below.

Cheers

Carolina Acuña Escobar
*
*
Joven Investigadora - Colciencias
Grupo de Investigación en Astronomía Alfa Orión
Presidenta - Grupo de Astronomía Orión
Ingeniería de Sistemas y Computación
Universidad Tecnológica de Pereira

1183. Re: [Super_SID] Solar Geomagnetic Storm [1 Attachment]

Yahoo group: Super_SID
Date: 2013-06-24 14:25:20 UTC
From: WILLIAM & MELINDA LORD
Topic: 1182 Message: 1183

You can see data submitted to the Stanford site for June 7 here
http://sid.stanford.edu/database-browser/browse.jsp?date=2013-06-07T00.00.00

Look at NLK ATL_OU 0297
NLK TLS 0409
RHT SuperSID -007

I think your chart is showing interference.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Carolina Acuña <anacaros@...>
To: Super_SID@yahoogroups.com
Sent: Wednesday, June 19, 2013 4:39 PM
Subject: [Super_SID] Solar Geomagnetic Storm [1 Attachment]

[Attachment(s) from =?ISO-8859-1?Q?Carolina_Acu=F1a?= included below]
hi everyone

i'm Carolina from Colombia and i'm new with Super Sid(test stage yet) and I would like to know if anyone has some SuperSid's data from the geomagnetic storm on june 7. I really want to compare the data because i don't know for sure if my SuperSid is doing alright and that day i saw something interesting. i attached the plot below.

Cheers

Carolina Acuña Escobar

Joven Investigadora - Colciencias
Grupo de Investigación en Astronomía Alfa Orión
Presidenta - Grupo de Astronomía Orión
Ingeniería de Sistemas y Computación
Universidad Tecnológica de Pereira

1184. Why can't SuperSID detect CME?

Yahoo group: Super_SID
Date: 2013-06-21 11:35:49 UTC
From: Asmaa Ragab
Topic: 1184 Message: 1184

please,
why super SID effective with solar flares more than any other event?
and
why super SID not active with CME?
thanks.

1185. Re: [Super_SID] Why can't SuperSID detect CME?

Yahoo group: Super_SID
Date: 2013-06-24 16:03:48 UTC
From: WILLIAM & MELINDA LORD
Topic: 1184 Message: 1185

The SuperSID can only detect energy from a flare. A CME is made up of matter/plasma which is not detectible to our monitors. What we monitor is the effect the energy has on the VLF stations. When the energy from a solar flare distorts the ionosphere, it changes the signal from the VLF station. This is what we "see" with the SuperSID.

The SuperSID manual has a good explanation and pictures starting on page 7. The SuperSID Manual is on the CD in the doc folder or look here http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1/Doc/SuperSIDManual_v1.pdf

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Asmaa Ragab <asmaa_ragab199118@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Friday, June 21, 2013 6:35 AM
Subject: [Super_SID] Why can't SuperSID detect CME?

please,
why super SID effective with solar flares more than any other event?
and
why super SID not active with CME?
thanks.

1186. The accidental SID

Yahoo group: Super_SID
Date: 2013-06-26 03:58:32 UTC
From: Robert
Topic: 1186 Message: 1186

I posted in Photos a screenshot of a SID that came in while I was working on an interface for my VLF loop. I had SkyPipe running experimentally at the time, hence the different look to the chart.
Robert
K5TD

1187. SID processing off for a while

Yahoo group: Super_SID
Date: 2013-06-30 16:08:20 UTC
From: Deborah Scherrer
Topic: 1187 Message: 1187

Because of problems with the Stanford cooling system, and the heat wave, we have shut down SID processing (and a bunch of our computers) for a while.
Service will return when the heat wave subsides.

Debbie

1188. SID data processing

Yahoo group: Super_SID
Date: 2013-07-02 02:08:37 UTC
From: Deborah Scherrer
Topic: 1188 Message: 1188

SID data processing is back on, although the heat wave is not over.
Don't be
surprised if you see delays. But we'll be tracking them.

Debbie

1189. Re: [Super_SID] SID data processing

Yahoo group: Super_SID
Date: 2013-07-02 05:34:20 UTC
From: Divyadarshan Purohit
Topic: 1188 Message: 1189

I would be grateful if you could give information about the degree of
temperature during heat wave.

with best regards,
DDPurohit

On Tue, Jul 2, 2013 at 7:38 AM, Deborah Scherrer <
dscherrer@...> wrote:

> **
>
>
> SID data processing is back on, although the heat wave is not over.
> Don't be
> surprised if you see delays. But we'll be tracking them.
>
> Debbie
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

1190. Re: [Super_SID] SID data processing

Yahoo group: Super_SID
Date: 2013-07-02 16:31:18 UTC
From: Steve Berl
Topic: 1188 Message: 1190

Yesterday's high temperature is Palo Alto was 84 F or 29 C.

Don't laugh at us :-)

-steve

On Mon, Jul 1, 2013 at 10:34 PM, Divyadarshan Purohit <
divyadarshan63@...> wrote:

> **
>
>
> I would be grateful if you could give information about the degree of
> temperature during heat wave.
>
> with best regards,
> DDPurohit
>
>
> On Tue, Jul 2, 2013 at 7:38 AM, Deborah Scherrer <
> dscherrer@...> wrote:
>
>> **
>>
>>
>> SID data processing is back on, although the heat wave is not over.
>> Don't be
>> surprised if you see delays. But we'll be tracking them.
>>
>> Debbie
>>
>
>
>
> --
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
>
>
>

--
-steve

1191. Re: [Super_SID] SID data processing

Yahoo group: Super_SID
Date: 2013-07-02 17:49:33 UTC
From: Deborah Scherrer
Topic: 1188 Message: 1191

The day before in Palo Alto was above 90 F., though I don't know the
specifics.
Normally Stanford could easily handle that type of weather, which occurs
normally
occasionally every summer. However, a few months ago there had been
some problems with the
Stanford cooling system, which included a system that distributes
chilled water
throughout all the buildings. It had been temporarily repaired because
they entire
heating and cooling systems for the campus are scheduled to be relocated and
rebuilt.

Hence, the system was weak and couldn't handle the load. After the
system is rebuilt
there should be no further problems.

On the other hand, I participated in a horse/pony quadrille performance
on Sunday,
near Clear Lake, and it was 106 F. Not uncommon, since we often see
temperatures
in the high 100s. But it wasn't fun either...

Let's toast to the Bay Area fog, which usually rolls in to save us from
these, ah, annoyances!!!

Debbue

On 7/2/13 9:31 AM, Steve Berl wrote:
> Yesterday's high temperature is Palo Alto was 84 F or 29 C.
>
> Don't laugh at us :-)
>
> -steve
>
>
> On Mon, Jul 1, 2013 at 10:34 PM, Divyadarshan Purohit
> <divyadarshan63@... <mailto:divyadarshan63@...>> wrote:
>
> I would be grateful if you could give information about the degree
> of temperature during heat wave.
> with best regards,
> DDPurohit
> On Tue, Jul 2, 2013 at 7:38 AM, Deborah Scherrer
> <dscherrer@...
> <mailto:dscherrer@...>> wrote:

>
> SID data processing is back on, although the heat wave is not
> over.
> Don't be
> surprised if you see delays. But we'll be tracking them.
>
> Debbie
>
>
>
>
> --
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
>
>
>
>
> --
> -steve
>

1192. Re: updated SuperSID software

Yahoo group: Super_SID
Date: 2013-07-28 19:39:06 UTC
From: launch42@rocketmail.com
Topic: 948 Message: 1192

I'm *finally* getting around to getting my antenna built and have just dedicated an old laptop to run the SID monitor.

I still have the original data CD with the v1.1.1 software.

Remembering a discussion about a software update I searched our Yahoo group and found this thread.

Is 1.2.0 the latest & current version of the software?

Do we have an official distribution site? Standford? Sourceforge? Github?

What about just uploading to the Files section of this Yahoo group? This is still the group's primary communication vehicle, correct?

Thanks!

Wayne

--- In Super_SID@yahoogroups.com, Deborah Scherrer <dscherrer@...> wrote:
>
> This sounds good as well.
>
> Debbie
>
> On 1/3/13 4:41 PM, Eric Gibert wrote:
> > Hello Jaap,
> >
> > My suggestion is to move the all software to a community driven open
> > source project site like sourceforge.net or github
> > Besides being a software repository, they offer wiki for a dynamic
> > documentation and bug/enhancement requests tracking system.
> >
> > What do you think?
> > Eric
> >
> >
> > ---
> > *De :* Jaap Akkerhuis <jaapna@...>
> > *Ã□ :* "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
> > *EnvoyÃ© le :* Vendredi 4 janvier 2013 7h34
> > *Objet :* [Super_SID] updated SuperSID software
> >
> > Bill & Melinda Lord write:
> >
> > > We also have an updated SuperSID software. There are two versions,

> > one with and one without the Documentations.
> > > Both do have the binaries and the sources from which the binaries are
> > > created. The checksum files can be checked in case they get damaged
> > in transport.
> > >
> > > http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe
> > <http://nlnetlabs.nl/%7Ejaap/SuperSID_Install_1.2.0.exe>
> > > http://nlnetlabs.nl/~jaap/SuperSID_Install_1.2.0.exe.sha-256
> > <http://nlnetlabs.nl/%7Ejaap/SuperSID_Install_1.2.0.exe.sha-256>
> > > http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe
> > <http://nlnetlabs.nl/%7Ejaap/SuperSID_NoDoc_1.2.0.exe>
> > > http://nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.0.exe.sha-256
> > <http://nlnetlabs.nl/%7Ejaap/SuperSID_NoDoc_1.2.0.exe.sha-256>
> >
> > Please note that my we are not really equipped to function as a
> > distribution
> > site for software. Just in case the bandwidth consumption gets too much,
> > I would like to find another place with more bandwidth to spare to make
> > this available (Stanford?).
> >
> > jaap
> >
> >
> >
> >
>

1193. Re: [Super_SID] compatibility with AppleMac operating systems?

Yahoo group: Super_SID
Date: 2013-09-02 08:13:55 UTC
From: John Hunt
Topic: 1107 Message: 1193

Hi does any one know if there is any SuperSID designed to operate on apple Mac operating systems? I have had technical failure with myPC and my back up computer to take over is an apple mac funning on OX9 panther please is there any software I could acquire thats compatible with my my SID set up ?
cheers
John

1194. Re: [Super_SID] compatibility with AppleMac operating systems?

Yahoo group: Super_SID
Date: 2013-09-02 13:34:27 UTC
From: Ed Kane
Topic: 1107 Message: 1194

Mr. Hunt,

Albeit I have SuperSID 1.2.0 running and recording data on a PC, I just successfully installed SuperSID on a Virtual Machine operating Windows 8 on a MAC running under OSX Mountain Lion. While I successfully installed SuperSID 1.2.0 and launched it successfully and indications were that data was being recorded, I have not run long term.

The virtual Machine I use is VMWae Fusion (http://store.vmware.com/store/vmware/en_US/home). The version I use is "5". A competing product is Parallels. I have essentially zero experience with Parallels and thus can only recommend VMWare Fusion 5. I have had good luck with Fusion. There is one thing of which I am absolutely certain there are folks out there who will swear by as well as swear at Fusion and the same can be said for Parallels. (The cost of either is about $50.00 USD.)

I have a quad core MAC and I have allocated VMWare Fusion 2 cores and all seems to "run" just fine. Yes I have encountered a few quirks which were so insignificant that I cannot remember what they were.

With Fusion I was able to (for the lack of a better way to describe it) make an image (per VMWare's instructions) and migrate it to the MAC it can take a while. I am willing (almost) to bet Parallels has a similar process.

I hope this helps.

Ed Kane

From: John Hunt <john@geoclimatica.com>
Reply-To: <Super_SID@yahoogroups.com>
Date: Monday, September 2, 2013 1:13 AM
To: <Super_SID@yahoogroups.com>
Subject: Re: [Super_SID] compatibility with AppleMac operating systems?

Hi does any one know if there is any SuperSID designed to operate on apple Mac operating systems? I have had technical failure with myPC and my back up computer to take over is an apple mac funning on OX9 panther please is there any software I could acquire thats compatible with my my SID set up ?

cheers
John

1195. Re: [Super_SID] compatibility with AppleMac operating systems?

Yahoo group: Super_SID
Date: 2013-09-02 19:43:07 UTC
From: Steve Berl
Topic: 1107 Message: 1195

Not sure which version of the supersid code I have, but it includes the
python source code in the Code directory. You should be able to run that
directly on your Mac.

Steve

On Monday, September 2, 2013, Ed Kane wrote:

> **
>
>
> Mr. Hunt,
>
> Albeit I have SuperSID 1.2.0 running and recording data on a PC, I just
> successfully installed SuperSID on a Virtual Machine operating Windows 8 on
> a MAC running under OSX Mountain Lion. While I successfully installed
> SuperSID 1.2.0 and launched it successfully and indications were that data
> was being recorded, I have not run long term.
>
> The virtual Machine I use is VMWae Fusion (
> http://store.vmware.com/store/vmware/en_US/home). The version I use is
> "5". A competing product is Parallels. I have essentially zero experience
> with Parallels and thus can only recommend VMWare Fusion 5. I have had
> good luck with Fusion. There is one thing of which I am absolutely
> certain – there are folks out there who will swear by as well as swear at
> Fusion and the same can be said for Parallels. (The cost of either is
> about $50.00 USD.)
>
> I have a quad core MAC and I have allocated VMWare Fusion 2 cores and all
> seems to "run" just fine. Yes I have encountered a few quirks which were
> so insignificant that I cannot remember what they were.
>
> With Fusion I was able to (for the lack of a better way to describe it)
> make an image (per VMWare's instructions) and migrate it to the MAC – it
> can take a while. I am willing (almost) to bet Parallels has a similar
> process.
>
> I hope this helps.
>
> Ed Kane
>
>
>
>
>
> From: John Hunt <john@... <javascript:_e({}, 'cvml',

> 'john@...');>>
> Reply-To: <Super_SID@yahoogroups.com <javascript:_e({}, 'cvml',
> 'Super_SID@yahoogroups.com');>>
> Date: Monday, September 2, 2013 1:13 AM
> To: <Super_SID@yahoogroups.com <javascript:_e({}, 'cvml',
> 'Super_SID@yahoogroups.com');>>
> Subject: Re: [Super_SID] compatibility with AppleMac operating systems?
>
>
>
> Hi does any one know if there is any SuperSID designed to operate on
> apple Mac operating systems? I have had technical failure with myPC
> and my back up computer to take over is an apple mac funning on OX9
> panther please is there any software I could acquire thats compatible
> with my my SID set up ?
> cheers
> John
>
>
>
>

--
-steve

1196. Re: [Super_SID] compatibility with AppleMac operating systems?

Yahoo group: Super_SID
Date: 2013-09-03 00:49:47 UTC
From: Jeff
Topic: 1107 Message: 1196

Hi John,

I use both Mac and Windows OS. For my Mac with OSX, I use Parallels. THat loads Windows XP and any program that works on Windows XP will work with the Mac and Parallels. For earlier Mac OS you can get Virtual PC. That works well and an emulate Windows XP.

While I prefer the Mac I have Several Refurbished Dell Laptop computer I take into the field as abuse. They work coog ans some can be had for under $200.

Jeff
Hopkins Phoenix Observatory
(187283)
Counting Photons
Phoenix, Arizona USA
www.hposoft.com/Astro/astro.html

On Sep 2, 2013, at 1:13 AM, John Hunt wrote:

> Hi does any one know if there is any SuperSID designed to operate on apple Mac operating systems? I have had technical failure with myPC and my back up computer to take over is an apple mac funning on OX9 panther please is there any software I could acquire thats compatible with my my SID set up ?
> cheers
> John
>
>
>
>
>

1197. NWC VLF station seems off the air since 1st of September 2013

Yahoo group: Super_SID
Date: 2013-09-08 14:33:49 UTC
From: <ericgibert@...>
Topic: 1197 Message: 1197

I was used to have NWC off on Mondays but now it looks it stopped emitting since September the 1st. Anyone has noticed the same? Any information? Maybe they change their frequency?

Thank you for letting me know as it is my main station!

Eric

1198. Re: [Super_SID] NWC VLF station seems off the air since 1st of September 2013

Yahoo group: Super_SID
Date: 2013-09-09 07:33:30 UTC
From: Clint Jeffrey
Topic: 1197 Message: 1198

Boy I hope its not permanent!...NWC is practically the only useable VLF frequency here in the Southern Hemisphere and we're just about to get permanent monitoring up and running, its probably just down for the scheduled regular maintenance...hopefully.

It may be back on air as I type I don't have things connected at the moment to check....

Cheers

Clint – VK3CSJ
LMRO Melbourne.

From: ericgibert@yahoo.
Sent: Monday, September 09, 2013 12:33 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] NWC VLF station seems off the air since 1st of September 2013

I was used to have NWC off on Mondays but now it looks it stopped emitting since September the 1st. Anyone has noticed the same? Any information? Maybe they change their frequency?

Thank you for letting me know as it is my main station!

Eric

1199. (no subject)

Yahoo group: Super_SID
Date: 2013-10-26 23:39:02 UTC
From: Whitham Reeve
Topic: 1199 Message: 1199

2014 SARA Western Regional Conference
Bishop, California,
USA on 22 and 23 March 2014

The
2014 SARA Western Regional Conference will be held at Bishop, California and the Owens Valley Radio Observatory on Saturday and Sunday, 22 and 23 March 2014. OVRO is operated by California Institute of Technology and is located about 11 airline miles southeast of Bishop (driving distance is closer to 20 miles).

From
the OVRO website (http://www.ovro.caltech.edu/):
“The Owens Valley Radio Observatory
(OVRO) is one of the largest university-operated radio observatories in the world. Known by locals as 'The Big Ears', the observatory is located near Bishop, California, approximately 250 miles north of Los Angeles on the east side of the Sierra Nevada. For reference, its coordinates are 37:14:02N latitude, 118:16:56W longitude at 1222 meters above sea level. ... CARMA is the Northern Hemisphere's most powerful millimeter-wave radio astronomy observatory.” Coordinates for the CARMA – Combined Array for Research in Millimeter-wave Astronomy – are 37°16'49.89"
N, 118°08'29.58" W.

Call for papers: Papers are
welcome on subjects directly related to radio astronomy including hardware, software, education and tutorials, research strategies, observations and data collection and philosophy. If you wish to present a paper please email a letter of intent, including a proposed title and abstract to the conference coordinator at westernconference@... no later than 31 December 2013. Be sure to include your full name, affiliation,
postal address, and email address, and indicate your willingness to attend the conference to present your paper. Submitters will receive an email response, typically within one week.

Presentations and proceedings: In addition to
presentations by SARA members, we plan to have speakers from OVRO and we have arranged for Dr. Tony Phillips from Spaceweather.com to make a presentation (more details to follow). Papers and presentations on radio astronomy hardware, software, education, research strategies, philosophy, and observing efforts and methods are welcome. Formal proceedings will be published for this conference. If presenters want to submit a paper or a copy of their presentation, we will make them available to attendees on CD.

Basic schedule: Our first day
will be spent at Owens Valley Radio Observatory with presentations by SARA members and supporters and CalTech/OVRO staff followed by a tour of the OVRO

facilities in the valley and CARMA in the nearby mountains. Our second day will be at a conference room in Bishop with presentations by SARA members and supporters.

Meeting locations: The first conference day will be at OVRO, meeting room location will be announced. The second conference day will be at the conference room at Whiskey Creek restaurant at 524 N Main Street in Bishop.

Getting there: Bishop and OVRO are located in a valley between the eastern Sierra Nevada and White Mountains. Because of the remote location we recommend conference participants make their travel plans and hotel and rental car reservations early. Possibilities are to fly into Los Angeles (LAX) or Las Vegas (LAS). If you decide to fly to Los Angeles, it is possible you can connect into the regional airport at Mammoth Lakes (MMH), 50 miles to the north of Bishop. The airline traveling into Mammoth is Alaska Airlines/Horizon, which has marketing agreements with a number of airlines including American Airlines. An Alaska/Horizon or American flight into LAX and a connecting flight into Mammoth would not require a terminal change to make the connection. From Mammoth, cars can be rented at the airport. Another possibility is to fly into Los Angeles or Las Vegas and then enjoy a scenic drive to Owens Valley, roughly 260 miles from LAX and 160 miles from LAS.

Directions from Bishop to OVRO:
To drive from Bishop to OVRO, you need to drive through the city of Big Pine. Directions may be found on the OVRO website (see website link above). At the top of web page, click on Information and then on Directions in lower-left.

Registration: Registration for the 2014 Western Regional Conference is just US$55.00. This includes breakfast and lunch on Saturday and Sunday. Payment can be made through PayPal, www.paypal.com by sending payment to treasurer@radio-astronomy.org. Please include in comments that the payment is for the 2014 Western Regional Conference. You also can mail a check payable to SARA, 2189 Redwood Ave, Washington, IA 52353, USA. Please include an e-mail address so a confirmation can be sent to you when we receive your payment.

Hotel reservations: Contact the Creekside Inn in Bishop for reservations. We could not reserve rooms because they required up-front payment. To get the best rate and reserve your desired room type, we recommend contacting the hotel as soon as possible. Current rates (as of 26 July 2013) are: King Mountain View: $109.99, King Creekside with Balcony: $119.99, King Creekside with Patio: $129.99. Call Creekside Inn at +1 800-273-3550 or make reservations at http:\\www.bishopcreeksideinn.com.
In case your plans change at the last minute, Creekside Inn has a 24 hour cancellation policy.

What to wear:Our conference settings are casual. The weather in the mountain valley and CARMA tour site could be calm and warm or brisk and windy

so plan to bring layered clothing.

Saturday
night dinner:
We will make a group dinner reservation at a local restaurant for Saturday night.

Additional
Information:
Additional details will be published online at www.radio-astronomy.org and in the SARA journal, Radio Astronomy, as we
get closer to the conference date. Please contact conference coordinator Whit Reeve if you have any questions or if you would like to help with the conference: westernconference@....

Whitham D. Reeve
Anchorage, Alaska USA

1200. sudden ionosphere disturbance (SID) for X2.3 class solar eruption today, October 29, 2013

Yahoo group: Super_SID
Date: 2013-10-30 02:10:42 UTC
From: Dr. S.Aguirre
Topic: 1200 Message: 1200

hello everyone..

Send detection- report of sudden ionosphere disturbance (SID) for X2.3
class solar eruption today, October 29, 2013.

Images here:

http://drsaguirremexico.blogspot.mx/2013/10/erupcion-solar-clase-x23-rayos-x-2013.html

salvador aguirre
Mex.-

1201. Sudden Ionosphere Disturbance (SID) for X3.3 class solar eruption today,2013 11 05 UT.

Yahoo group: Super_SID
Date: 2013-11-06 03:21:26 UTC
From: Dr. S.Aguirre
Topic: 1201 Message: 1201

Hi Folks....

Send detection- report of sudden ionosphere disturbance (SID) for X3.3
class solar eruption today, Nov.11 2013 UT.

Images here:

http://goo.gl/u7n4Vs

Salvador Aguirre
SARA/AAVSO.
Son, Mex.

1202. Re: [Super_SID] Sudden Ionosphere Disturbance (SID) for X3.3 class solar eruption today,2013 11 05 UT.

Yahoo group: Super_SID
Date: 2013-11-06 12:50:41 UTC
From: Nicholas Gross
Topic: 1201 Message: 1202

Wow! What a great detector you built. It detects flares a week ahead
of time :)

Seriously though this was an interesting event.
http://www.swpc.noaa.gov/today.html#xray
It looks to me that this might be a flare from a region just over the
horizon so we are just catching a piece of it. The flare region is can
be seen here http://www.spaceweather.com. We might expect more activity
from that region as it rotates across the sun over the next week, so Dr.
Aguirre's date may not be as wrong as it seems. :)

Happy Flare watching :)

Nick Gross

On 11/5/13 10:21 PM, Dr. S.Aguirre wrote:
>
>
> Hi Folks....
>
> Send detection- report of sudden ionosphere disturbance (SID) for
> X3.3 class solar eruption today, Nov.11 2013 UT.
>
> Images here:
>
> http://goo.gl/u7n4Vs
>
> Salvador Aguirre
> SARA/AAVSO.
> Son, Mex.
>
>
>
>

--
Nicholas Gross
Boston University
c: 617-686-1250

1203. RE: Re: [Super_SID] Sudden Ionosphere Disturbance (SID) for X3.3 class solar eruption today,2013 11 05 UT.

Yahoo group: Super_SID
Date: 2013-11-07 13:51:13 UTC
From: <drsaguirre@...>
Topic: 1201 Message: 1203

Hi Nick.

sorry for the date... :-(

the correct date was: 2013 11 05 UT

thnaks

Salvador

---In Super_SID@yahoogroups.com, <gross@...> wrote:

Wow! What a great detector you built. It detects flares a week ahead of time :)

Seriously though this was an interesting event. http://www.swpc.noaa.gov/today.html#xray http://www.swpc.noaa.gov/today.html#xray
It looks to me that this might be a flare from a region just over the horizon so we are just catching a piece of it. The flare region is can be seen here http://www.spaceweather.com http://www.spaceweather.com. We might expect more activity from that region as it rotates across the sun over the next week, so Dr. Aguirre's date may not be as wrong as it seems. :)

Happy Flare watching :)

Nick Gross

On 11/5/13 10:21 PM, Dr. S.Aguirre wrote:

Hi Folks....

Send detection- report of sudden ionosphere disturbance (SID) for X3.3 class solar eruption today, Nov.11 2013 UT.

Images here:

http://goo.gl/u7n4Vs http://goo.gl/u7n4Vs

Salvador Aguirre
SARA/AAVSO.
Son, Mex.

--
Nicholas Gross
Boston University
c: 617-686-1250

1204. RE: Re: [Super_SID] NWC VLF station seems off the air since 1st of September 2013

Yahoo group: Super_SID
Date: 2013-11-17 14:55:12 UTC
From: <andries.son@...>
Topic: 1197 Message: 1204

The DHO station at 23.4 kHz in Germany is off the air?
Andries

---In Super_SID@yahoogroups.com, <clinton.jeffrey@...> wrote:

Boy I hope its not permanent!...NWC is practically the only useable VLF frequency here in the Southern Hemisphere and we're just about to get permanent monitoring up and running, its probably just down for the scheduled regular maintenance...hopefully.

It may be back on air as I type I don't have things connected at the moment to check....

Cheers

Clint – VK3CSJ
LMRO http://www.lmro.org.au/ Melbourne.

From: ericgibert@yahoo mailto:ericgibert@yahoo.
Sent: Monday, September 09, 2013 12:33 AM
To: Super_SID@yahoogroups.com mailto:Super_SID@yahoogroups.com
Subject: [Super_SID] NWC VLF station seems off the air since 1st of September 2013

I was used to have NWC off on Mondays but now it looks it stopped emitting since September the 1st. Anyone has noticed the same? Any information? Maybe they change their frequency? Thank you for letting me know as it is my main station!

Eric

1205. Use of spectrum Lab for SuperSID data analysis

Yahoo group: Super_SID
Date: 2013-12-11 18:37:43 UTC
From: <kamran.mukhtar@...>
Topic: 1205 Message: 1205

I have seen someone is using spectrum lab for SuperSID data in yahoo groups. Anybody can tell me how it is usable with SID and in VLF range.

1206. Re: [Super_SID] Use of spectrum Lab for SuperSID data analysis

Yahoo group: Super_SID
Date: 2013-12-11 20:51:55 UTC
From: Wolfgang Arnold
Topic: 1205 Message: 1206

Hello ,
I have used the super sid signal with different DSP programs as Spectra View etc.
Even without the super sid electronis going from a 20 turn (2 m) diameter antenna directly to the microphone input of the soundcard gives You a 24 Khz wide waterfall display with a 48 kHz
Sample soundcard , or 48 kHz wide display with a 96 kHz soundcard.

Regards Wolfgang , Dj3qd

> Am Dec 11, 2013 um 19:37 schrieb <kamran.mukhtar@...>:
>
> I have seen someone is using spectrum lab for SuperSID data in yahoo groups. Anybody can tell me how it is usable with SID and in VLF range.
>
>

1207. SID data problems

Yahoo group: Super_SID
Date: 2013-12-28 18:10:12 UTC
From: Deborah Scherrer
Topic: 1207 Message: 1207

There has been a serious disk crash at Stanford and all SID data processing has been down for about 6 days. Our team is attempting to recover the disk, but I suspect processing will be down for some time.

I will keep you posted.

Debbie

1208. Volunteers needed for US Science Festival

Yahoo group: Super_SID
Date: 2014-01-15 16:15:50 UTC
From: WILLIAM & MELINDA LORD
Topic: 1208 Message: 1208

Hi Folks,

We would like to have a display at the
US Science Festival at the Walter E. Washington Convention Center in
Washington, DC. We need volunteers to commit to working the booth.
The dates are Saturday April 26 and Sunday April 27, with Friday an
optional day. The booth will be open from 9:00 am to 6:00 pm. We will
supply banners and brochures to hand out and will have a SuperSID
unit for display.

Please let us know if you can work any
of the weekend. This is a terrific opportunity to reach teachers with
radio astronomy information and expand the SARA grant program. More
information is at this link http://www.ussciencefestival.org/.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1209. Re: [Super_SID] Volunteers needed for US Science Festival

Yahoo group: Super_SID
Date: 2014-01-15 17:42:59 UTC
From: Deborah Scherrer
Topic: 1208 Message: 1209

This is a great opportunity. If you are able to do it, please take
a lot of photos! I will include them & information on the event
in my reports both to NASA and to the United Nations!

You should make sure you have signs mentioning NASA &
the UN's ISWI program. Stanford might be able to help print those.
A map of sites would also be cool. The UN has one you could get.
Again, we might be able to help with printing these.

Finally, we might be able to send you a few resources to give away,
things like eclipse glasses & lenticulars. Let us know if those would
be useful.

Debbie

On 1/15/14 8:15 AM, WILLIAM & MELINDA LORD wrote:
> Hi Folks,
>
> We would like to have a display at the US Science Festival at the
> Walter E. Washington Convention Center in Washington, DC. We need
> volunteers to commit to working the booth. The dates are Saturday
> April 26 and Sunday April 27, with Friday an optional day. The booth
> will be open from 9:00 am to 6:00 pm. We will supply banners and
> brochures to hand out and will have a SuperSID unit for display.
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> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>

1210. Raspberry Pi for SuperSID

Yahoo group: Super_SID
Date: 2014-01-16 21:26:43 UTC
From: Tulio
Topic: 1210 Message: 1210

Hello all,

My name is Tulio Baars from Brasil and I'm currently studying the SAMA (South Atlantic Magnetic Anomaly), a region where the magnetic field is so weak that the Van-Allen Radiation Belts “drowns”, creating a funnel-like structure, concentrating energetic particles to its very center.

My research so far has included integrating multiple wavelength observations, from ULF/VLF to HF frequencies. I have an HF Solar Radiotelescope, donated from SARA and two SuperSID monitors, also donated from SARA. I also have an Inspire VLF receiver (NASA) and a Muon detector (Euclid Laboratories) for complementing the studies. Our SID monitors are on ISWI network and maps.

As we recently have been suffering a lot from power outages (raining season), I decided to install a Nobreak system for the lab. In order to extend autonomy, I'm thinking on instead of using a computer to process and upload SuperSID data, I could use an Raspberry Pi board, that have a very low power consumption.

I have an functional Model B over here, and looking forward to attach the SuperSID monitor to it and enjoy uninterrupt monitoring.

Have you ever tried to use the RasPi with the SuperSID? Is there anyway to do this?

Thanks in advance,

73,

Tulio Baars
ALEXA Labs
+55 (47) 9134-5952

1211. Re: [Super_SID] Raspberry Pi for SuperSID

Yahoo group: Super_SID
Date: 2014-01-17 04:16:16 UTC
From: Steve Berl
Topic: 1210 Message: 1211

Not sure what release of the SuperSID software has the python source in it
and which does not, but if you do have the python source, you can run it
directly on the Raspberry Pi.

If not, and you are stuck with the .exe version, perhaps you can make it
run under Wine? Someone on the SARA list recently wrote in that they had
done that.

-steve

On Thu, Jan 16, 2014 at 1:26 PM, Tulio <tuliobaars@...> wrote:

>
>
> Hello all,
>
>
> My name is Tulio Baars from Brasil and I'm currently studying the SAMA
> (South Atlantic Magnetic Anomaly), a region where the magnetic field is
> so weak that the Van-Allen Radiation Belts “drowns”, creating a funnel-like
> structure, concentrating energetic particles to its very center.
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> observations, from ULF/VLF to HF frequencies. I have an HF Solar
> Radiotelescope, donated from SARA and two SuperSID monitors, also donated
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> SuperSID monitor to it and enjoy uninterrupt monitoring.
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-steve

1212. Re: [Super_SID] Raspberry Pi for SuperSID

Yahoo group: Super_SID
Date: 2014-01-17 11:14:38 UTC
From: Tulio
Topic: 1210 Message: 1212

Hi Steve,

Atually the software shouldn't be the problem. Although I think Wine won't run properly on ARM, the python code should do it.

My question is really about the hardware: how can I connect the SuperSID to the RasPi? Adapting GPIO pins or using an USB mic input? And how can I setup Linux to input 96kHz (which I'm unable to do even on my Debian desktop, I have posted my concerns here some time ago)?

Thanks in advance

Tulio Baars
ALEXA Labs
+55 (47) 9134-5952

2014/1/17 Steve Berl <steveberl@...>

>
>
> Not sure what release of the SuperSID software has the python source in it
> and which does not, but if you do have the python source, you can run it
> directly on the Raspberry Pi.
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> If not, and you are stuck with the .exe version, perhaps you can make it
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> -steve
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1213. Re: [Super_SID] Raspberry Pi for SuperSID

Yahoo group: Super_SID
Date: 2014-01-17 21:05:26 UTC
From: Steve Berl
Topic: 1210 Message: 1213

In the US, USB audio input devices that can do 96kHz sample rate seem to start around $130 and go up from there.

The ones that can only do 48kHz are much cheaper, around $30, and you can still receive all the stations that are transmitting below 24kHz.

It also isn't 100% clear that a Raspberry Pi has the CPU and storage bandwidth to handle 96kHz input.

If you have musician friends, check with them to see if they might have an extra USB audio input device around they aren't using. The one I use is an M-audio that my guitar player son no longer seems to need.

-steve

On Fri, Jan 17, 2014 at 3:14 AM, Tulio <tuliobaars@...> wrote:

>
>
> Hi Steve,
>
>
> Atually the software shouldn't be the problem. Although I think Wine won't
> run properly on ARM, the python code should do it.
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> My question is really about the hardware: how can I connect the SuperSID
> to the RasPi? Adapting GPIO pins or using an USB mic input? And how can I
> setup Linux to input 96kHz (which I'm unable to do even on my Debian
> desktop, I have posted my concerns here some time ago)?
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> Thanks in advance
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> *ALEXA Labs*
> *+55 (47) 9134-5952 <%2B55%20%2847%29%209134-5952>*
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> 2014/1/17 Steve Berl <steveberl@...>
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>>> upload SuperSID data, I could use an Raspberry Pi board, that have a very
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>>> the SuperSID monitor to it and enjoy uninterrupt monitoring.
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-steve

1214. Re: [Super_SID] Raspberry Pi for SuperSID

Yahoo group: Super_SID
Date: 2014-01-17 21:06:53 UTC
From: Steve Berl
Topic: 1210 Message: 1214

Oh, one more thing. I also had problems trying to get ALSA configured for 96kHz input using the internal sound card of an old PC, but it worked perfectly with the external USB connected device.

-steve

On Fri, Jan 17, 2014 at 1:05 PM, Steve Berl <steveberl@...> wrote:

> In the US, USB audio input devices that can do 96kHz sample rate seem to
> start around $130 and go up from there.
>
> The ones that can only do 48kHz are much cheaper, around $30, and you can
> still receive all the stations that are transmitting below 24kHz.
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>> 2014/1/17 Steve Berl <steveberl@...>
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-steve

1215. SID database recovered

Yahoo group: Super_SID
Date: 2014-01-17 21:43:56 UTC
From: Deborah Scherrer
Topic: 1215 Message: 1215

The SID database has been restored and all files recovered (from a serious disc crash). No data were lost. All files sent in since the crash have been ingested into the data browser. If you see any missing files or anomalies, please let me know.

Thanks for your patience on this one....

Debbie

1216. Re: [Super_SID] Raspberry Pi for SuperSID- Inexpensive Sound Card

Yahoo group: Super_SID
Date: 2014-01-17 22:00:20 UTC
From: WILLIAM & MELINDA LORD
Topic: 1210 Message: 1216

Hi Folks,

Chip Sufitchi and Stan Nelson found this sound card dongle that can sample at 96kHz
http://www.amazon.com/Syba-Digital-Optical-Output-SD-AUD20101/dp/B006SF68P2

The price is right- currently $11.99 USD plus shipping

We have had it hooked up to our SuperSID and running for a couple of months and it works great.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Steve Berl <steveberl@...>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Friday, January 17, 2014 4:05 PM
Subject: Re: [Super_SID] Raspberry Pi for SuperSID

In the US, USB audio input devices that can do 96kHz sample rate seem to start around $130 and go up from there.

The ones that can only do 48kHz are much cheaper, around $30, and you can still receive all the stations that are transmitting below 24kHz.

It also isn't 100% clear that a Raspberry Pi has the CPU and storage bandwidth to handle 96kHz input.

If you have musician friends, check with them to see if they might have an extra USB audio input device around they aren't using. The one I use is an M-audio that my guitar player son no longer seems to need.

-steve

On Fri, Jan 17, 2014 at 3:14 AM, Tulio <tuliobaars@...> wrote:

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>Hi Steve,
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>2014/1/17 Steve Berl <steveberl@...>
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>>-steve
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-steve

1217. Re: [Super_SID] Raspberry Pi for SuperSID

Yahoo group: Super_SID
Date: 2014-01-17 22:08:52 UTC
From: Tulio
Topic: 1210 Message: 1217

Thanks Steve, I'll get one of these USB audio input adapter and see what I
can get.

Regards

Tulio Baars
ALEXA Labs
+55 (47) 9134-5952

2014/1/17 Steve Berl <steveberl@...>

>
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> Oh, one more thing. I also had problems trying to get ALSA configured for
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>>> 2014/1/17 Steve Berl <steveberl@...>
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1218. Re: [SARA] [Super_SID] Volunteers needed for US Science Festival

Yahoo group: Super_SID
Date: 2014-01-17 22:18:51 UTC
From: WILLIAM & MELINDA LORD
Topic: 1218 Message: 1218

Thanks, Jaap.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Jaap Akkerhuis <jaap.akker@...>
To: sara-list@...
Cc: Super_SID@yahoogroups.com; Radio Jove <Radio_JOVE@yahoogroups.com>; AAVSO SID LIST <aavso-sid-list-request@...>
Sent: Thursday, January 16, 2014 5:01 AM
Subject: Re: [SARA] [Super_SID] Volunteers needed for US Science Festival

On Jan 15, 2014, at 18:42, Deborah Scherrer <dscherrer@solar.stanford.edu> wrote:

> This is a great opportunity. If you are able to do it, please take
> a lot of photos! I will include them & information on the event
> in my reports both to NASA and to the United Nations!

Talking about reports. The subject Space Weather came up at an hallway
discussion during an Internet conference (RIPE 66, Dublin, IE) and pretty
soon I found myself giving a lightning talk at the plenary. The slides
are here <https://ripe66.ripe.net/presentations/331-Duck.pdf> and there
is also a video at <https://ripe66.ripe.net/archives/video/1280>.(It is
only 10 minutes or so).

Regards,

    jaap

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You received this message because you are subscribed to the Google
Groups "Society of Amateur Radio Astronomers" group.
To post to this group, send email to sara-list@googlegroups.com
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sara-list-unsubscribe@...
For more options, visit this group at
http://groups.google.com/group/sara-list?hl=en

You received this message because you are subscribed to the Google Groups "Society of Amateur Radio Astronomers" group.
To unsubscribe from this group and stop receiving emails from it, send an email to

sara-list+unsubscribe@....
For more options, visit https://groups.google.com/groups/opt_out.

1219. Re: [Super_SID] Raspberry Pi for SuperSID- Inexpensive Sound Card

Yahoo group: Super_SID
Date: 2014-01-17 22:21:21 UTC
From: Steve Berl
Topic: 1210 Message: 1219

This looks great. I wonder if there is a Linux driver for it? Anyone know?

On Friday, January 17, 2014, WILLIAM & MELINDA LORD <ap_guardian@...>
wrote:

>
>
> Hi Folks,
>
> Chip Sufitchi and Stan Nelson found this sound card dongle that can sample
> at 96kHz
> http://www.amazon.com/Syba-Digital-Optical-Output-SD-AUD20101/dp/B006SF68P2
>
> The price is right- currently $11.99 USD plus shipping
>
> We have had it hooked up to our SuperSID and running for a couple of
> months and it works great.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* Steve Berl <steveberl@... <javascript:_e({}, 'cvml',
> 'steveberl@...');>>
> *To:* "Super_SID@yahoogroups.com <javascript:_e({}, 'cvml',
> 'Super_SID@yahoogroups.com');>" <Super_SID@yahoogroups.com<javascript:_e({}, 'cvml',
'Super_SID@yahoogroups.com');>>
>
> *Sent:* Friday, January 17, 2014 4:05 PM
> *Subject:* Re: [Super_SID] Raspberry Pi for SuperSID
>
>
> In the US, USB audio input devices that can do 96kHz sample rate seem to
> start around $130 and go up from there.
>
> The ones that can only do 48kHz are much cheaper, around $30, and you can
> still receive all the stations that are transmitting below 24kHz.
>
> It also isn't 100% clear that a Raspberry Pi has the CPU and storage
> bandwidth to handle 96kHz input.
>

> If you have musician friends, check with them to see if they might have an
> extra USB audio input device around they aren't using. The one I use is an
> M-audio that my guitar player son no longer seems to need.
>
> -steve
>
>
> On Fri, Jan 17, 2014 at 3:14 AM, Tulio <tuliobaars@...<javascript:_e({}, 'cvml',
'tuliobaars@...');>
> > wrote:
>
>
> Hi Steve,
>
>
> Atually the software shouldn't be the problem. Although I think Wine won't
> run properly on ARM, the python code should do it.
>
> My question is really about the hardware: how can I connect the SuperSID
> to the RasPi? Adapting GPIO pins or using an USB mic input? And how can I
> setup Linux to input 96kHz (which I'm unable to do even on my Debian
> desktop, I have posted my concerns here some time ago)?
>
> Thanks in advance
>
>
>
> *Tulio Baars*
> *ALEXA Labs*
> *+55 (47) 9134-5952*
>
>
>
> 2014/1/17 Steve Berl <steveberl@... <javascript:_e({}, 'cvml',
> 'steveberl@...');>>
>
>
> Not sure what release of the SuperSID software has the python source in
> it and which does not, but if you do have the python source, you can run it
> directly on the Raspberry Pi.
>
> If not, and you are stuck with the .exe version, perhaps you can make it
> run under Wine? Someone on the SARA list recently wrote in that they had
> done that.
>
> -steve
>
>
> On Thu, Jan 16, 2014 at 1:26 PM, Tulio <tuliobaars@...<javascript:_e({}, 'cvml',
'tuliobaars@gmail.com');>

> > wrote:
>
>
> Hello all,
>
>
> My name is Tulio Baars from Brasil and I'm currently studying the SAMA
> (South Atlantic Magnetic Anomaly), a region where the magnetic field is
> so weak that the Van-Allen Radiation Belts “drowns”, creating a funnel-like
> structure, concentrating energetic particles to its very center.
>
> My research so far has included integrating multiple wavelength
> observations, from ULF/VLF to HF frequencies. I have an HF Solar
> Radiotelescope, donated from SARA and two SuperSID monitors, also donated
> from SARA. I also have an Inspire VLF receiver (NASA) and a Muon detector
> (Euclid Laboratories) for complementing the studies. Our SID monitors are
> on ISWI network and maps.
>
> As we recently have been suffering a lot from power outages (raining
> season), I decided to install a Nobreak system for the lab. In order to
> extend autonomy, I'm thinking on instead of using a computer to process and
> upload SuperSID data, I could use an Raspberry Pi board, that have a very
> low power consumption.
>
> I have an functional Model B over here, and looking forward to attach the
> SuperSID monitor to it and enjoy uninterrupt monitoring.
>
> Have you ever tried to use the RasPi with the SuperSID? Is there anyway to
> do this?
>
> Thanks in advance,
>
> 73,
>
>
> *Tulio Baars*
> *ALEXA Labs*
> *+55 (47) 9134-5952*
>
>
>
>
> --
> -steve
>
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> -steve
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>
>
>

--
-steve

1220. RE: [Super_SID] Raspberry Pi for SuperSID

Yahoo group: Super_SID
Date: 2014-01-18 00:17:16 UTC
From: Eric Gibert
Topic: 1210 Message: 1220

Dear Tulio,

I have been running SuperSID on Raspi for a couple of months, first on Debian Wheezy and now on Fedora 18 Mix. The hardware part is not an issue: simply plug in a decent sound card on a USB port/hub. I had some difficulties on getting the card to capture at 96kHz so I stick to to 48kHz which is fine for me since NWC is my best station.

Regarding the software, you can refer to https://github.com/ericgibert/supersid/blob/master/docs/SuperSIDonRaspberryPi.md to check all the install needed. Efficient sound capture is done with 'alsaaudio' instead of 'pyaudio'https://github.com/ericgibert/supersid/blob/master/docs/SuperSIDonLinux.md

This repository (https://github.com/ericgibert/supersid) contains my latest version which has a 'text mode' capability (with still the graphic xwPython one supported). Basically, in the [PARAMETERS] section of the .cfg file, add the line:

viewer = text

Using the 'text mode' preserve the ARM from saturation which let the Raspi gasping for oxygen J You can use 'viewer = wx' when installing the software to check that everything is working. Examples of config files in https://github.com/ericgibert/supersid/tree/master/Config

Note: my 'supersid.py' takes the desired .cfg as line argument, so you can launch one mode or the other simply by passing the desired .cfg.

Another point to consider: your Raspi is most likely connected to Internet, so you should make sure that you configure NTP properly to synchronize the time once a day. Googling 'NTP on Raspi' will bring you up to date if necessary.

Let me know if you need some help,

Feliz ano novo!

Eric

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Tulio
Sent: Saturday, January 18, 2014 6:09 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Raspberry Pi for SuperSID

Thanks Steve, I'll get one of these USB audio input adapter and see what I can get.

Regards

Tulio Baars

ALEXA Labs

+55 (47) 9134-5952

2014/1/17 Steve Berl <steveberl@...>

Oh, one more thing. I also had problems trying to get ALSA configured for 96kHz input using the internal sound card of an old PC, but it worked perfectly with the external USB connected device.

-steve

On Fri, Jan 17, 2014 at 1:05 PM, Steve Berl <steveberl@...> wrote:

In the US, USB audio input devices that can do 96kHz sample rate seem to start around $130 and go up from there.

The ones that can only do 48kHz are much cheaper, around $30, and you can still receive all the stations that are transmitting below 24kHz.

It also isn't 100% clear that a Raspberry Pi has the CPU and storage bandwidth to handle 96kHz input.

If you have musician friends, check with them to see if they might have an extra USB audio input device around they aren't using. The one I use is an M-audio that my guitar player son no longer seems to need.

-steve

On Fri, Jan 17, 2014 at 3:14 AM, Tulio <tuliobaars@...> wrote:

Hi Steve,

Atually the software shouldn't be the problem. Although I think Wine won't run properly on ARM, the python code should do it.

My question is really about the hardware: how can I connect the SuperSID to the RasPi? Adapting GPIO pins or using an USB mic input? And how can I setup Linux to input 96kHz (which I'm unable to do even on my Debian desktop, I have posted my concerns here some time ago)?

Thanks in advance

Tulio Baars

ALEXA Labs

+55 (47) 9134-5952 <tel:%2B55%20%2847%29%209134-5952>

2014/1/17 Steve Berl <steveberl@...>

Not sure what release of the SuperSID software has the python source in it and which does not, but if you do have the python source, you can run it directly on the Raspberry Pi.

If not, and you are stuck with the .exe version, perhaps you can make it run under Wine? Someone on the SARA list recently wrote in that they had done that.

-steve

On Thu, Jan 16, 2014 at 1:26 PM, Tulio <tuliobaars@...> wrote:

Hello all,

My name is Tulio Baars from Brasil and I'm currently studying the SAMA (South Atlantic Magnetic Anomaly), a region where the magnetic field is so weak that the Van-Allen Radiation Belts "drowns", creating a funnel-like structure, concentrating energetic particles to its very center.

My research so far has included integrating multiple wavelength observations, from ULF/VLF to HF frequencies. I have an HF Solar Radiotelescope, donated from SARA and two SuperSID monitors, also donated from SARA. I also have an Inspire VLF receiver (NASA) and a Muon detector (Euclid Laboratories) for complementing the studies. Our SID monitors are on ISWI network and maps.

As we recently have been suffering a lot from power outages (raining season), I decided to install a Nobreak system for the lab. In order to extend autonomy, I'm thinking on instead of using a computer to process and upload SuperSID data, I could use an Raspberry Pi board, that have a very low power consumption.

I have an functional Model B over here, and looking forward to attach the SuperSID monitor to it and enjoy uninterrupt monitoring.

Have you ever tried to use the RasPi with the SuperSID? Is there anyway to do this?

Thanks in advance,

73,

Tulio Baars

ALEXA Labs

+55 (47) 9134-5952 <tel:%2B55%20%2847%29%209134-5952>

--
-steve

--
-steve

--
-steve

1221. RE: SID database recovered

Yahoo group: Super_SID
Date: 2014-01-23 15:05:43 UTC
From: <karl-heinz.gansel@...>
Topic: 1215 Message: 1221

Great News Deborah and good work!!

Regards,
KH

1222. Re: [Super_SID] Volunteers needed for US Science Festival

Yahoo group: Super_SID
Date: 2014-02-02 15:49:23 UTC
From: WILLIAM & MELINDA LORD
Topic: 1208 Message: 1222

Hi Debbie,

If you have anything you would like to add to the booth, please send them.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Deborah Scherrer <dscherrer@...>
To: Super_SID@yahoogroups.com; SARA List <sara-list@...>; Radio Jove <Radio_JOVE@yahoogroups.com>; AAVSO SID LIST <aavso-sid-list-request@...>
Sent: Wednesday, January 15, 2014 12:42 PM
Subject: Re: [Super_SID] Volunteers needed for US Science Festival

This is a great opportunity. If you are able to do it, please take a lot of photos! I will include them & information on the event in my reports both to NASA and to the United Nations!

You should make sure you have signs mentioning NASA & the UN's ISWI program. Stanford might be able to help print those. A map of sites would also be cool. The UN has one you could get. Again, we might be able to help with printing these.

Finally, we might be able to send you a few resources to give away, things like eclipse glasses & lenticulars. Let us know if those would be useful.

Debbie

On 1/15/14 8:15 AM, WILLIAM & MELINDA LORD wrote:

>Hi Folks,
>
>
>We would like to have a display at the US Science Festival at the Walter E. Washington Convention Center in Washington, DC. We need volunteers to commit to working the booth. The dates are Saturday April 26 and Sunday April 27, with Friday an optional day. The booth will be open from 9:00 am to 6:00 pm. We will supply banners and brochures to hand out and will have a SuperSID unit for display.
>
>

>Please let us know if you can work any of the weekend. This is a terrific opportunity to reach teachers with radio astronomy information and expand the SARA grant program. More information is at this link http://www.ussciencefestival.org/.
>
>Bill & Melinda Lord
>www.tnSkyNet.com
>www.radio-astronomy.org
>
>Light travels faster than sound. This is why some people
appear bright until you hear them speak. :-)

1223. Re: [Super_SID] Volunteers needed for US Science Festival

Yahoo group: Super_SID
Date: 2014-02-02 18:12:55 UTC
From: Deborah Scherrer
Topic: 1208 Message: 1223

Ah, can you give me a little more information -- like what they
would find useful? Do they want SDI maps & ISWI info, or ????

Debbie

On 2/2/14 7:49 AM, WILLIAM & MELINDA LORD wrote:
> Hi Debbie,
>
> If you have anything you would like to add to the booth, please send
> them.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ---
> *From:* Deborah Scherrer <dscherrer@...>
> *To:* Super_SID@yahoogroups.com; SARA List
> <sara-list@...>; Radio Jove <Radio_JOVE@yahoogroups.com>;
> AAVSO SID LIST <aavso-sid-list-request@...>
> *Sent:* Wednesday, January 15, 2014 12:42 PM
> *Subject:* Re: [Super_SID] Volunteers needed for US Science Festival
>
> This is a great opportunity. If you are able to do it, please take
> a lot of photos! I will include them & information on the event
> in my reports both to NASA and to the United Nations!
>
> You should make sure you have signs mentioning NASA &
> the UN's ISWI program. Stanford might be able to help print those.
> A map of sites would also be cool. The UN has one you could get.
> Again, we might be able to help with printing these.
>
> Finally, we might be able to send you a few resources to give away,
> things like eclipse glasses & lenticulars. Let us know if those would
> be useful.
>
> Debbie
>
>
> On 1/15/14 8:15 AM, WILLIAM & MELINDA LORD wrote:
>> Hi Folks,
>>

>> We would like to have a display at the US Science Festival at the
>> Walter E. Washington Convention Center in Washington, DC. We need
>> volunteers to commit to working the booth. The dates are Saturday
>> April 26 and Sunday April 27, with Friday an optional day. The booth
>> will be open from 9:00 am to 6:00 pm. We will supply banners and
>> brochures to hand out and will have a SuperSID unit for display.
>>
>> Please let us know if you can work any of the weekend. This is a
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>> www.radio-astronomy.org <http://www.radio-astronomy.org/>
>>
>> Light travels faster than sound. This is why some people appear
>> bright until you hear them speak. :-)
>
>
>
>

1224. Re: [Super_SID] Volunteers needed for US Science Festival

Yahoo group: Super_SID
Date: 2014-02-04 01:31:01 UTC
From: Deborah Scherrer
Topic: 1208 Message: 1224

OK, I checked with our friends at Goddard. Budget cuts have
curtailed the Goddard SDO funds, so they are no longer
able to print & supply materials...sigh...

Too bad the government doesn't care about science education
anymore.

Debbie

On 2/2/14 7:49 AM, WILLIAM & MELINDA LORD wrote:
> Hi Debbie,
>
> If you have anything you would like to add to the booth, please send
> them.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ---
> *From:* Deborah Scherrer <dscherrer@...>
> *To:* Super_SID@yahoogroups.com; SARA List
> <sara-list@...>; Radio Jove <Radio_JOVE@yahoogroups.com>;
> AAVSO SID LIST <aavso-sid-list-request@...>
> *Sent:* Wednesday, January 15, 2014 12:42 PM
> *Subject:* Re: [Super_SID] Volunteers needed for US Science Festival
>
> This is a great opportunity. If you are able to do it, please take
> a lot of photos! I will include them & information on the event
> in my reports both to NASA and to the United Nations!
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> You should make sure you have signs mentioning NASA &
> the UN's ISWI program. Stanford might be able to help print those.
> A map of sites would also be cool. The UN has one you could get.
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> Finally, we might be able to send you a few resources to give away,
> things like eclipse glasses & lenticulars. Let us know if those would
> be useful.
>
> Debbie
>
>

> On 1/15/14 8:15 AM, WILLIAM & MELINDA LORD wrote:
>> Hi Folks,
>>
>> We would like to have a display at the US Science Festival at the
>> Walter E. Washington Convention Center in Washington, DC. We need
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>> Please let us know if you can work any of the weekend. This is a
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>> this link http://www.ussciencefestival.org/.
>> Bill & Melinda Lord
>> www.tnSkyNet.com <http://www.tnskynet.com/>
>> www.radio-astronomy.org <http://www.radio-astronomy.org/>
>>
>> Light travels faster than sound. This is why some people appear
>> bright until you hear them speak. :-)
>
>
>
>

1225. Re: [Super_SID] Volunteers needed for US Science Festival

Yahoo group: Super_SID
Date: 2014-02-04 01:43:13 UTC
From: WILLIAM & MELINDA LORD
Topic: 1208 Message: 1225

Thanks for trying.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Deborah Scherrer <dscherrer@...>
To: WILLIAM & MELINDA LORD <ap_guardian@...>
Cc: Super_SID@yahoogroups.com
Sent: Monday, February 3, 2014 7:31 PM
Subject: Re: [Super_SID] Volunteers needed for US Science Festival

OK, I checked with our friends at Goddard. Budget cuts have
curtailed the Goddard SDO funds, so they are no longer
able to print & supply materials...sigh...

Too bad the government doesn't care about science education
anymore.

Debbie

On 2/2/14 7:49 AM, WILLIAM & MELINDA LORD wrote:

>Hi Debbie,
>
>If you have anything you would like to add to the booth,
please send them.
>
>
>
>
>Bill & Melinda Lord
>www.tnSkyNet.com
>www.radio-astronomy.org
>
>Light travels faster than sound. This is why some people
appear bright until you hear them speak. :-)
>
>
>
>_____
> From: Deborah Scherrer <dscherrer@...>
>To: Super_SID@yahoogroups.com; SARA List <sara-list@...>; Radio Jove

<Radio_JOVE@yahoogroups.com>; AAVSO SID LIST <aavso-sid-list-request@...>
>Sent: Wednesday, January 15, 2014 12:42 PM
>Subject: Re: [Super_SID] Volunteers needed for US Science Festival
>
>
>
>
>This is a great opportunity.   If you are able to do it, please take
>a lot of photos!   I will include them
& information on the event
>in my reports both to NASA and to the
United Nations!
>
>You should make sure you have signs
mentioning NASA &
>the UN's ISWI program. Stanford might
be able to help print those.
>A map of sites would also be cool. The
UN has one you could get.
>Again, we might be able to help with
printing these.
>
>Finally, we might be able to send you a
few resources to give away,
>things like eclipse glasses &
lenticulars. Let us know if those would
>be useful.
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>Debbie
>
>
>
>On 1/15/14 8:15 AM, WILLIAM & MELINDA LORD wrote:
>
>
>>Hi Folks,
>>
>>
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>>
>>
>>Please let us know if you can work any of the weekend. This is a terrific opportunity to reach teachers with radio astronomy information and expand the SARA grant program. More information is at this link http://www.ussciencefestival.org/.
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>>Bill & Melinda Lord
>>www.tnSkyNet.com

>>www.radio-astronomy.org
>>
>>Light travels faster than sound.
This is why some people appear
bright until you hear them
speak. :-)
>
>
>

1226. NPM off the air?

Yahoo group: Super_SID
Date: 2014-02-05 23:58:18 UTC
From: Steve Berl
Topic: 1226 Message: 1226

Has anyone noticed that NPM at 21.4kHz seems to have gone away? At least I can't hear it any longer. It used to come in loud and clear here in Northern California.

Since Jan 7, 2014 I haven't received it.

Anyone else?

--
-steve

1227. Re: [Super_SID] NPM off the air?

Yahoo group: Super_SID
Date: 2014-02-06 04:01:21 UTC
From: John Purdy
Topic: 1226 Message: 1227

Yes
I haven't received it here on Vancouver islaned either since 7 Jan.
John Purdy
On 05/02/2014 15:58, Steve Berl wrote:
> Has anyone noticed that NPM at 21.4kHz seems to have gone away? At
> least I can't hear it any longer. It used to come in loud and clear
> here in Northern California.
>
> Since Jan 7, 2014 I haven't received it.
>
> Anyone else?
>
> --
> -steve
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3684/7066 - Release Date: 02/05/14
>

1228. RE: Raspberry Pi for SuperSID

Yahoo group: Super_SID
Date: 2014-01-18 14:43:42 UTC
From: <briggse@...>
Topic: 1210 Message: 1228

I support the idea of getting Raspberry Pi to work with SuperSID. It would be a lot fewer watts to add to the power bill than running the old laptop I currently use for SuperSID. I have an RPi Model B.

1229. (no subject)

Yahoo group: Super_SID
Date: 2014-02-03 18:18:06 UTC
From: Divyadarshan Purohit
Topic: 1229 Message: 1229
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Friends,

You might remember the January 2014 as a month of Active Sun with the biggest sunspot AR 11944 of current solar cycle.This sunspot show us many magnificent shows on earth & in space.Approximately whole month was full of solar activities.

This AR 11944 returns after a two-week journey around the far side of the sun. According to tradition, sunspots that circle around the far side of the sun are re-numbered when they return. The new designation of AR11944 is AR11967. AR11967 is big enough to engulf many earth at at time.AR1967 has a 'delta-class' magnetic field that harbors energy for strong eruptions.As it is an earth facing spot ,any changes in the spot will directly effect the earth.let us wait to see the nature's play.

I took various pictures of our old guest with new mask i.e. AR 11967 today with help of Sony Handy Cam from the Gurudev Observatory today evening.Hope you will enjoy the nature,machine & man.

with best regards,
DDPurohit
http://www.flickr.com/photos/gurudevobservatory/sets/

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

1230. Re: [Super_SID] NPM off the air?

Yahoo group: Super_SID
Date: 2014-02-06 15:03:33 UTC
From: K4BAM
Topic: 1226 Message: 1230

Nothing heard here in Tallahassee, FL.

Tom

> On Feb 5, 2014, at 11:01 PM, John Purdy <jrpurdy@...> wrote:
>
> Yes
> I haven't received it here on Vancouver islaned either since 7 Jan.
> John Purdy
>> On 05/02/2014 15:58, Steve Berl wrote:
>>
>> Has anyone noticed that NPM at 21.4kHz seems to have gone away? At least I can't hear it any longer. It used to come in loud and clear here in Northern California.
>>
>> Since Jan 7, 2014 I haven't received it.
>>
>> Anyone else?
>>
>> --
>> -steve
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4259 / Virus Database: 3684/7066 - Release Date: 02/05/14
>>
>
>

1231. Re: [Super_SID] Raspberry Pi for SuperSID

Yahoo group: Super_SID
Date: 2014-02-06 18:25:54 UTC
From: Jaap Akkerhuis
Topic: 1210 Message: 1231

All,

I should have reacted earlier, but $day_job is consuming a lot of time
lately.

> I support the idea of getting Raspberry Pi to work with SuperSID. It would be a lot fewer watts to add to the power bill than running the old laptop I currently use for SuperSID. I have an RPi Model B.

For your information, I have been working on moving the SuperSID software
to the Raspberry but I hd a big fight getting the (cheap) sound card to
work. Also, I am very short on time for this so it took somewhat longer
then anticipated. Current state is that it kind of limps along. I needed
to port the py-audio shim (one), there is something strange with scipy,
and the ephem to find out dusk/date data also required some porting.

Just as Eric Gibert I find that the spectrum display consumes quite some
cycles so I will look what he did to run it headless and then of course I
have to do packaging etc. and hopefully can steal the code for that

I also need to finalise the latest versions for the traditional which
requires some changes to fix a bug in plotting multiple files at one. I
probably do that first so a new version can be released.

Then I will go back to the PI.

jaap

1232. Re: [Super_SID] Raspberry Pi for SuperSID

Yahoo group: Super_SID
Date: 2014-02-06 18:13:46 UTC
From: Mjpastro
Topic: 1210 Message: 1232

Eric
I'd be very interested in the status of this project as it moves along.
We're trying to look at if we can use a R Pi-B to control a Callisto radio telescope receiver & 'Radio Eyes' sky program.

Sincerely,
Marty Pepe
(585) 298-0246 (c)

Sent from my iPhone

> On Jan 17, 2014, at 7:17 PM, "Eric Gibert" <ericgibert@...> wrote:
>
> Dear Tulio,
>
>
>
> I have been running SuperSID on Raspi for a couple of months, first on Debian Wheezy and now on Fedora 18 Mix. The hardware part is not an issue: simply plug in a decent sound card on a USB port/hub. I had some difficulties on getting the card to capture at 96kHz so I stick to to 48kHz which is fine for me since NWC is my best station.
>
>
>
> Regarding the software, you can refer to https://github.com/ericgibert/supersid/blob/master/docs/SuperSIDonRaspberryPi.md to check all the install needed. Efficient sound capture is done with ‘alsaaudio’ instead of ‘pyaudio’https://github.com/ericgibert/supersid/blob/master/docs/SuperSIDonLinux.md
>
>
>
> This repository (https://github.com/ericgibert/supersid) contains my latest version which has a ‘text mode’ capability (with still the graphic xwPython one supported). Basically, in the [PARAMETERS] section of the .cfg file, add the line:
>
> viewer = text
>
>
>
> Using the ‘text mode’ preserve the ARM from saturation which let the Raspi gasping for oxygen J You can use ‘viewer = wx’ when installing the software to check that everything is working. Examples of config files in https://github.com/ericgibert/supersid/tree/master/Config
>
>
>

> Note: my ‘supersid.py’ takes the desired .cfg as line argument, so you can launch one mode or the other simply by passing the desired .cfg.
>
>
>
> Another point to consider: your Raspi is most likely connected to Internet, so you should make sure that you configure NTP properly to synchronize the time once a day. Googling ‘NTP on Raspi’ will bring you up to date if necessary.
>
>
>
> Let me know if you need some help,
>
>
>
> Feliz ano novo!
>
>
>
> Eric
>
>
>
>
>
>
>
>
> From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Tulio
> Sent: Saturday, January 18, 2014 6:09 AM
> To: Super_SID@yahoogroups.com
> Subject: Re: [Super_SID] Raspberry Pi for SuperSID
>
>
>
>
>
>
> Thanks Steve, I'll get one of these USB audio input adapter and see what I can get.
>
>
>
> Regards
>
>
>
> Tulio Baars
>
> ALEXA Labs
>
> +55 (47) 9134-5952
>

>
>
>
>
> 2014/1/17 Steve Berl <steveberl@...>
>
>
>
> Oh, one more thing. I also had problems trying to get ALSA configured for 96kHz input using the internal sound card of an old PC, but it worked perfectly with the external USB connected device.
>
>
>
> -steve
>
>
>
> On Fri, Jan 17, 2014 at 1:05 PM, Steve Berl <steveberl@...> wrote:
>
> In the US, USB audio input devices that can do 96kHz sample rate seem to start around $130 and go up from there.
>
>
>
> The ones that can only do 48kHz are much cheaper, around $30, and you can still receive all the stations that are transmitting below 24kHz.
>
>
>
> It also isn't 100% clear that a Raspberry Pi has the CPU and storage bandwidth to handle 96kHz input.
>
>
>
> If you have musician friends, check with them to see if they might have an extra USB audio input device around they aren't using. The one I use is an M-audio that my guitar player son no longer seems to need.
>
>
>
> -steve
>
>
>
> On Fri, Jan 17, 2014 at 3:14 AM, Tulio <tuliobaars@...> wrote:
>
>
>
> Hi Steve,

>
>
>
>
>
> Atually the software shouldn't be the problem. Although I think Wine won't run properly on ARM, the python code should do it.
>
>
>
> My question is really about the hardware: how can I connect the SuperSID to the RasPi? Adapting GPIO pins or using an USB mic input? And how can I setup Linux to input 96kHz (which I'm unable to do even on my Debian desktop, I have posted my concerns here some time ago)?
>
>
>
> Thanks in advance
>
>
>
>
>
>
>
> Tulio Baars
>
> ALEXA Labs
>
> +55 (47) 9134-5952
>
>
>
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>
>
> 2014/1/17 Steve Berl <steveberl@...>
>
>
>
> Not sure what release of the SuperSID software has the python source in it and which does not, but if you do have the python source, you can run it directly on the Raspberry Pi.
>
>
>
> If not, and you are stuck with the .exe version, perhaps you can make it run under Wine? Someone on the SARA list recently wrote in that they had done that.
>
>
>
> -steve

>
>
>
> On Thu, Jan 16, 2014 at 1:26 PM, Tulio <tuliobaars@...> wrote:
>
>
>
> Hello all,
>
>
>
>
>
>
> My name is Tulio Baars from Brasil and I'm currently studying the SAMA (South Atlantic Magnetic Anomaly), a region where the magnetic field is so weak that the Van-Allen Radiation Belts “drowns”, creating a funnel-like structure, concentrating energetic particles to its very center.
>
>
>
> My research so far has included integrating multiple wavelength observations, from ULF/VLF to HF frequencies. I have an HF Solar Radiotelescope, donated from SARA and two SuperSID monitors, also donated from SARA. I also have an Inspire VLF receiver (NASA) and a Muon detector (Euclid Laboratories) for complementing the studies. Our SID monitors are on ISWI network and maps.
>
>
>
> As we recently have been suffering a lot from power outages (raining season), I decided to install a Nobreak system for the lab. In order to extend autonomy, I'm thinking on instead of using a computer to process and upload SuperSID data, I could use an Raspberry Pi board, that have a very low power consumption.
>
>
>
> I have an functional Model B over here, and looking forward to attach the SuperSID monitor to it and enjoy uninterrupt monitoring.
>
>
>
> Have you ever tried to use the RasPi with the SuperSID? Is there anyway to do this?
>
>
>
> Thanks in advance,
>
>
>
> 73,
>

>
>
>
>
> Tulio Baars
>
> ALEXA Labs
>
> +55 (47) 9134-5952
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1233. Re: [Super_SID]

Yahoo group: Super_SID
Date: 2014-02-07 07:38:35 UTC
From: un_dascal@yahoo.com
Topic: 1233 Message: 1233
Attachments: 5 described; binary payloads are missing from this source WARC

Dear friend,
Thanks for your kindness sharing with us those beautiful pictures. I am an radioamator and I want to becabe a radioastronomer too.
Nifon

1234. Getting into SID monitoring

Yahoo group: Super_SID
Date: 2014-02-08 21:16:25 UTC
From: <michael.r.sabino@...>
Topic: 1234 Message: 1234
Attachments: 1 described; binary payloads are missing from this source WARC

I found an older sound card downstairs that does 48 kHz sampling. It's called a Sound Blaster PCI512 (may be a pci128, not sure), and it's pretty low noise. I seem to be able to receive some of the VLF stations with it at night, when interference is low. SuperSID shows some values at that time.

I had bought a behringer guitar preamp, but it seems to remove a lot of the signals of interest. It may just not be very sensitive.

So, as of now, the best thing I've got has been a long wire antenna attached to the PCI512 to listen to spherics (at times), and VLF stations (at times) with SuperSID software (at least when interference is low).

I want to build a simple preamp out of its constituent components so I can receive VLF stations more clearly, or purchase one from Stanford. If there is a simple design you know of I'd like to hear it. I may open up the behringer and try to fix it, especially if given any ideas. But as of now, I see the behringer of being little use except to pick up more broadband impulse-type sources like spherics. I am fairly certain however that when I run the behringer as a preamp, it removes the 15 KHz tv sync frequencies from its output. This, for me, makes it difficult to trust for VLF station monitoring.

I'm trying to be cost-effective with this.

Attached is a plot from last night. I'm still trying to fix the time in SuperSID.

Thanks,

Michael Sabino
AC9HH

1235. Anyone using a laptop with a SID receiver?

Yahoo group: Super_SID
Date: 2014-02-12 20:05:53 UTC
From: <robertweisbloom@...>
Topic: 1235 Message: 1235

Hi, Is anyone using a laptop with a SID receiver?
It is not recommended because of the noise from the power supply, but I only have a laptop and no plans to buy a desktop at this time.
Any help would be appreciated.

Regards,
Robert Weisbloom

1236. Re: [Super_SID] Anyone using a laptop with a SID receiver?

Yahoo group: Super_SID
Date: 2014-02-13 16:19:24 UTC
From: Wolfgang Arnold
Topic: 1235 Message: 1236

Hello Robert,
I am using a sid reciever with a labtop without any problem with its original switching powersupply.
I have a 20 turn loop antena 2 m diameter under the the roof of my home about 15 m away from the reciever .I use 50 Ohm coaxcable not impedance matched directly from the loop to the reciever.I recieve 4 stations her in Germany.
Regards Wolfgang ,Dj3qd

> Am Feb 12, 2014 um 21:05 schrieb <robertweisbloom@...>:
>
> Hi,
>
> Is anyone using a laptop with a SID receiver?
> It is not recommended because of the noise from the power supply, but I only have a laptop and no plans to buy a desktop at this time.
> Any help would be appreciated.
>
> Regards,
> Robert Weisbloom
>

1237. Re: [Super_SID] Anyone using a laptop with a SID receiver?

Yahoo group: Super_SID
Date: 2014-02-13 17:00:13 UTC
From: Robert Weisbloom
Topic: 1235 Message: 1237

Thanks for the info.
Robert

On Thu, Feb 13, 2014 at 11:19 AM, Wolfgang Arnold <arnoldwo@...> wrote:

>
>
> Hello Robert,
> I am using a sid reciever with a labtop without any problem with its
> original switching powersupply.
> I have a 20 turn loop antena 2 m diameter under the the roof of my home
> about 15 m away from the reciever .I use 50 Ohm coaxcable not impedance
> matched directly from the loop to the reciever.I recieve 4 stations her in
> Germany.
> Regards Wolfgang ,Dj3qd
>
>
>
>
>
> Am Feb 12, 2014 um 21:05 schrieb <robertweisbloom@...>:
>
>
>
> Hi,
> Is anyone using a laptop with a SID receiver?
> It is not recommended because of the noise from the power supply, but I
> only have a laptop and no plans to buy a desktop at this time.
> Any help would be appreciated.
>
> Regards,
> Robert Weisbloom
>
>
>

1238. Re: [Super_SID] Raspberry Pi for SuperSID- Inexpensive Sound Card

Yahoo group: Super_SID
Date: 2014-02-23 00:36:23 UTC
From: <michael.r.sabino@...>
Topic: 1210 Message: 1238

Yes, there is. Works great on linux with my crossed loop. I can pick up NML, NAA, and occasionally Jim Creek, WA.

Michael
AC9HH

1239. Demodulating MSK

Yahoo group: Super_SID
Date: 2014-02-23 00:50:57 UTC
From: <michael.r.sabino@...>
Topic: 1239 Message: 1239

Hi,

How do I build a 1 pps timing source? Are GPS receiver chips my best bet?

Michael Sabino
AC9HH

1240. Re: [Super_SID] Demodulating MSK

Yahoo group: Super_SID
Date: 2014-02-23 03:33:28 UTC
From: Sal Gino
Topic: 1239 Message: 1240

Hi,

What are the units for a pps timing source?? I have not heard of that before. I have a GPS receiver chip I use on my laptop for ham radio APRS purposes.

Sal
KM6JD

From: "michael.r.sabino@..." <michael.r.sabino@gmail.com>
To: Super_SID@yahoogroups.com
Sent: Saturday, February 22, 2014 4:50 PM
Subject: [Super_SID] Demodulating MSK

Hi,

How do I build a 1 pps timing source? Are GPS receiver chips my best bet?

Michael Sabino
AC9HH

1241. Re: [Super_SID] Demodulating MSK

Yahoo group: Super_SID
Date: 2014-02-23 18:42:03 UTC
From: Steve Berl
Topic: 1239 Message: 1241

GPS receiver chips are pretty cheap and many have a 1 PPS output on a dedicated pin. Typical jitter for the 1 PPS output is something like 10ns.

Here's one example http://www.adafruit.com/products/746

Depending on what you are doing and where you are doing it, you may need an external antenna.

-steve

On Sat, Feb 22, 2014 at 7:33 PM, Sal Gino <salgino20@...> wrote:

>
>
> Hi,
>
> What are the units for a pps timing source?? I have not heard of that
> before. I have a GPS receiver chip I use on my laptop for ham radio APRS
> purposes.
>
> Sal
> KM6JD
>
> *From:* "michael.r.sabino@..." <michael.r.sabino@...>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Saturday, February 22, 2014 4:50 PM
> *Subject:* [Super_SID] Demodulating MSK
>
>
> Hi,
>
> How do I build a 1 pps timing source? Are GPS receiver chips my best bet?
>
>
> Michael Sabino
> AC9HH
>
>
>
>

--
-steve

1242. Re: [Super_SID] Demodulating MSK

Yahoo group: Super_SID
Date: 2014-02-24 03:50:56 UTC
From: <michael.r.sabino@...>
Topic: 1239 Message: 1242

1 pps = 1 pulse per second. The AWESOME receivers use a 1 pps source to measure phase shift after MSK demodulation.

UltraMSK will also demodulate MSK and monitor phase with a 1 pps source input into line in/mic in, but that software package is a bit pricey.

I am working at getting it setup on Gnuradio, but it seems they've removed some things that would be useful for MSK demod, like the eye diagram in gnuradio-companion. The latency in gnuradio companion is also probably a bit too high.

What is meant by demodulating MSK seems to be identifying which frequencies are being used to transmit the symbols, then recording over time how the signals deviate (using a 1pps source as an external trigger), in phase and frequency from the norm.

Without a highly accurate pulse source, the data is scientifically meaningless - as I understand it.

Michael Sabino
AC9HH

1243. Uploading before day ends

Yahoo group: Super_SID
Date: 2014-02-28 02:38:53 UTC
From: <michael.r.sabino@...>
Topic: 1243 Message: 1243

Hi,

I have a computer that can be on a lot of the time, but sometimes I will shut it down before the day ends. Also, I like to see if my receiver has detected any flares during the day before the day ends.

Is there any way I can upload a partially completed buffer file to be processed through the plotting system? I tried importing the data into an authentic looking file for the new day but it didn't work.

Michael Sabino
AC9HH

1245. NML data for 2/28, nice sunrise spike!

Yahoo group: Super_SID
Date: 2014-02-28 22:22:41 UTC
From: <michael.r.sabino@...>
Topic: 1245 Message: 1245
Attachments: 1 described; binary payloads are missing from this source WARC

I made a plot of signal strength of NML from Chicago-area using the SuperSID program. X axis is hours since UTC on 2/28, and the Y axis is received signal strength from NML. Data was 2 hours off calibration so that was fixed at the end.

This is the script I used to plot it:

```
import numpy as np
import matplotlib.pyplot as plt
from matplotlib.ticker import FormatStrFormatter
data =
np.genfromtxt('C:\Users\msabino911\Downloads\supersid\Data\\nml-new.csv',delimiter=',',
dtype = float)
a = [row[0] for row in data]
xray = [row[2] for row in data]
#xray = [row[2] for row in data]
fig = plt.figure()
ax = fig.add_subplot(111, axisbg = 'w')
print len(data)
X = np.linspace(-2, 22, num=17280)
ax.scatter(X,xray,s=0.5)
l = plt.axvline(x=10.1)
plt.gca().xaxis.set_major_formatter(FormatStrFormatter('%d hours'))
ax.set_ylabel('Received Power from NML')
ax.set_xlabel('Hours offset from 0 UTC')
ax.set_title('SID Monitoring for February 28th, 2014')
p = plt.axvspan(12.416,23.65, facecolor='yellow', alpha=0.5)
plt.show()
```

Michael Sabino
AC9HH

1246. Finding Longitude and Latitude

Yahoo group: Super_SID
Date: 2014-03-01 22:47:38 UTC
From: <robertweisbloom@...>
Topic: 1246 Message: 1246

Hi, I am trying to find my latitude and longitude. I tried Google, but the results were not very good, too general.
I live in Montreal, Canada, and would like the results closer to where I live and will be setting up my receiver.
Anyone have any ideas, besides buying a geological map?
Regards,
Robert Weisbloom

1247. Super SID Software

Yahoo group: Super_SID
Date: 2014-03-01 23:08:31 UTC
From: <robertweisbloom@...>
Topic: 1247 Message: 1247

Hi, Can the software run in the background, or does your computer have to be dedicated to just running the software?
Thanks,
Robert Weisbloom

1248. Re: [Super_SID] Super SID Software

Yahoo group: Super_SID
Date: 2014-03-01 23:12:57 UTC
From: ap_guardian@yahoo.com
Topic: 1247 Message: 1248

You can run it in the background.
Sent from Yahoo Mail on Android

1249. Re: [Super_SID] Super SID Software

Yahoo group: Super_SID
Date: 2014-03-01 23:20:10 UTC
From: Robert Weisbloom
Topic: 1247 Message: 1249

Thanks

On Sat, Mar 1, 2014 at 6:12 PM, ap_guardian@... <ap_guardian@...
> wrote:

>
>
>
> You can run it in the background.
> Sent from Yahoo Mail on Android<https://overview.mail.yahoo.com/mobile/?.src=Android>
>
> ------------------------------
> * From: * robertweisbloom@... <robertweisbloom@...>;
> * To: * <Super_SID@yahoogroups.com>;
> * Subject: * [Super_SID] Super SID Software
> * Sent: * Sat, Mar 1, 2014 11:08:31 PM
>
>
>
> Hi,
> Can the software run in the background, or does your computer have to be
> dedicated to just running the software?
> Thanks,
> Robert Weisbloom
>
>
>

1250. Re: [Super_SID] Finding Longitude and Latitude

Yahoo group: Super_SID
Date: 2014-03-01 23:31:49 UTC
From: Marcus D. Leech
Topic: 1246 Message: 1250

On 03/01/2014 05:47 PM, robertweisbloom@... wrote:
>
> Hi,
>
> I am trying to find my latitude and longitude. I tried Google, but the
> results were not very good, too general.
> I live in Montreal, Canada, and would like the results closer to where
> I live and will be setting up my receiver.
> Anyone have any ideas, besides buying a geological map?
> Regards,
> Robert Weisbloom
>
>
45.5 Deg North
73.6 Deg West

Not sure why you'd need it closer than that, but if you do, your smart
phone (if you have) one has a GPS, and there are apps that can fetch
data out of it.

--
Marcus Leech
Principal Investigator
Shirleys Bay Radio Astronomy Consortium
http://www.sbrac.org

1251. Re: [Super_SID] Finding Longitude and Latitude

Yahoo group: Super_SID
Date: 2014-03-02 00:05:34 UTC
From: Jaap Akkerhuis
Topic: 1246 Message: 1251

On Mar 1, 2014, at 22:47, robertweisbloom@... wrote:

> Hi,
>
> I am trying to find my latitude and longitude.

http://itouchmap.com/latlong.html is one way

jaap

1252. Re: [Super_SID] Finding Longitude and Latitude

Yahoo group: Super_SID
Date: 2014-03-02 00:18:20 UTC
From: Sal Gino
Topic: 1246 Message: 1252

Robert,

You should be able to get very accurate coordinates from Google Earth if you plug in your home address. When it zooms into your home address, place the cursor over your house and read the coordinates on the bottom right of the screen. They will be in the form: degrees, minutes and seconds. You can go online and convert those into simple decimal values or maybe Google Earth might even have a way of converting the degrees, minutes and seconds into decimal values.

Sal
KM6JD

_____
From: "robertweisbloom@..." <robertweisbloom@...>
To: Super_SID@yahoogroups.com
Sent: Saturday, March 1, 2014 2:47 PM
Subject: [Super_SID] Finding Longitude and Latitude

Hi,
I am trying to find my latitude and longitude. I tried Google, but the results were not very good, too general.
I live in Montreal, Canada, and would like the results closer to where I live and will be setting up my receiver.
Anyone have any ideas, besides buying a geological map?
Regards,
Robert Weisbloom

1253. Re: [Super_SID] Finding Longitude and Latitude

Yahoo group: Super_SID
Date: 2014-03-02 00:22:03 UTC
From: Steve Berl
Topic: 1246 Message: 1253

For Super_SID purposes, 0.1 degree resolution is just fine.

To get a more precise lat/long from google maps:

1: Enter your address in the search box
2: Right click on the little inverted teardrop icon that appears on the map
3: Pick "What's Here?" from the context menu that pops up.

You should now see the latitude and longitude.

For example if you lived in Montreal City Hall, Rue Notre-Dame Est,
Montreal, QC, Canada

You would be at

45.509162, -73.554321

-steve

45.509162, -73.554321

On Sat, Mar 1, 2014 at 3:31 PM, Marcus D. Leech <mleech@...> wrote:

>
>
> On 03/01/2014 05:47 PM, robertweisbloom@... wrote:
>
>
>
> Hi,
> I am trying to find my latitude and longitude. I tried Google, but the
> results were not very good, too general.
> I live in Montreal, Canada, and would like the results closer to where I
> live and will be setting up my receiver.
> Anyone have any ideas, besides buying a geological map?
> Regards,
> Robert Weisbloom
>
> 45.5 Deg North
> 73.6 Deg West
>
> Not sure why you'd need it closer than that, but if you do, your smart
> phone (if you have) one has a GPS, and there are apps that can fetch data
> out of it.
>
>
>

> --
> Marcus Leech
> Principal Investigator
> Shirleys Bay Radio Astronomy Consortiumhttp://www.sbrac.org
>
>
>

--
-steve

1254. Re: [Super_SID] Finding Longitude and Latitude

Yahoo group: Super_SID
Date: 2014-03-02 03:57:33 UTC
From: Andy
Topic: 1246 Message: 1254

Robert wrote:

"I tried Google, but the results were not very good, too general."

I use Google Maps. Find my location, then right-click on it and choose "What's here?" The coordinates show in the search window, down to 6 digits to the right of the decimal point.

I haven't tried Google Earth. My old computer wouldn't run it. Google Maps always works.

Andy

1255. Re: [Super_SID] Finding Longitude and Latitude

Yahoo group: Super_SID
Date: 2014-03-02 05:15:05 UTC
From: Robert Weisbloom
Topic: 1246 Message: 1255

Hi Andy,
Installed Google Earth and found it. Now to get it to work in 3D, seems
like the plug-in isn't working.
Robert
Retired RCN/ Special Forces

On Sat, Mar 1, 2014 at 10:57 PM, Andy <ai.egrps@...> wrote:

>
>
> Robert wrote:
>
> "I tried Google, but the results were not very good, too general."
>
> I use Google Maps. Find my location, then right-click on it and choose
> "What's here?" The coordinates show in the search window, down to 6 digits
> to the right of the decimal point.
>
> I haven't tried Google Earth. My old computer wouldn't run it. Google
> Maps always works.
>
> Andy
>
>
>
>

1256. Re: [Super_SID] Finding Longitude and Latitude

Yahoo group: Super_SID
Date: 2014-03-02 05:55:19 UTC
From: Sal Gino
Topic: 1246 Message: 1256

Hi,
Get Google Earth. Enter your address into search bar on upper left. Then go to tools, select Options, then 3D View. It will say show
lat/long. Select decimal degrees and then Apply. You are all set then.

You will never need to mess around with converting degrees, minutes, seconds into decimal form again. Like Andy said, you will have your exact coordinates to 6 decimal places.

Sal
KM6JD

From: "robertweisbloom@gmail.com" <robertweisbloom@...>
To: Super_SID@yahoogroups.com
Sent: Saturday, March 1, 2014 2:47 PM
Subject: [Super_SID] Finding Longitude and Latitude

Hi,
I am trying to find my latitude and longitude. I tried Google, but the results were not very good, too general.
I live in Montreal, Canada, and would like the results closer to where I live and will be setting up my receiver.
Anyone have any ideas, besides buying a geological map?
Regards,
Robert Weisbloom

1257. RE: [Super_SID] Uploading before day ends

Yahoo group: Super_SID
Date: 2014-03-02 11:38:53 UTC
From: Eric Gibert
Topic: 1243 Message: 1257

Hello,

Set the option ‘hourly_save=yes’ in your supersid.cfg file. As you can guess, a file will be generated every hour.

Then you can drag and drop that file to ‘supesid_plot.py’ to display it at your convenience.

Eric

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of michael.r.sabino@gmail.com
Sent: Friday, February 28, 2014 10:39 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Uploading before day ends

Hi,

I have a computer that can be on a lot of the time, but sometimes I will shut it down before the day ends. Also, I like to see if my receiver has detected any flares during the day before the day ends.

Is there any way I can upload a partially completed buffer file to be processed through the plotting system? I tried importing the data into an authentic looking file for the new day but it didn't work.

Michael Sabino
AC9HH

1258. Award of Excellence given to SARA group

Yahoo group: Super_SID
Date: 2014-03-02 22:12:01 UTC
From: Deborah Scherrer
Topic: 1258 Message: 1258

The Stanford SOLAR Center periodically recognizes those who, through their dedication, perseverance, vision, and diligence, have made a significant impact on the lives of students, teachers, and others by stimulating scientific interest, promoting intellectual excellence, developing international community, and fostering awareness of global connections in the disciplines of solar and space science.

For SARA's generous provision of Sudden Ionospheric Disturbance Monitors to student observers and others around the globe, for its invaluable service to needy schools in the United States and in the developing world, for its unflagging dedication to maintaining the SID and SuperSID monitors and infrastructure, for its continuing work to improve the technology and operation of the SID network, and for its invaluable support of educators and observers who operate the network, the Stanford Solar Center declares that the members of SARA are the recipients of the Solar Center 2014 Award of Excellence -- Heroes in Solar and Space Physics.

We congratulate SARA all on its significant achievements --this group serves as a model and inspiration to all of us, and we are proud to recognize SARA's work with this award.

Deborah Scherrer
Stanford Solar Center

1259. Re: [Super_SID] Finding Longitude and Latitude

Yahoo group: Super_SID
Date: 2014-03-04 05:37:43 UTC
From: Divyadarshan Purohit
Topic: 1246 Message: 1259

Dear Robert,

If you have smart phone try to use GPS enabled programme,it will give you perfect address of your place.
best regards,
DDPurohit
http://www.flickr.com/photos/gurudevobservatory/sets/

On Sun, Mar 2, 2014 at 4:17 AM, <robertweisbloom@...> wrote:

>
>
> Hi,
> I am trying to find my latitude and longitude. I tried Google, but the
> results were not very good, too general.
> I live in Montreal, Canada, and would like the results closer to where I
> live and will be setting up my receiver.
> Anyone have any ideas, besides buying a geological map?
> Regards,
> Robert Weisbloom
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

1260. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2014-03-05 21:38:44 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1260

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /SuperSID Manuals and Documents in Spanish/1ResearchGuide_Spanish.pdf
Uploaded by : AP_GUARDIAN <ap_guardian@...>
Description : Guía de investigación

You can access this file at the URL:
https://groups.yahoo.com/group/Super_SID/files/SuperSID%20Manuals%20and%20Documents%20in%20Spanish/1ResearchGuide_Spanish.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

AP_GUARDIAN <ap_guardian@...>

1261. SSID Manuales disponibles ahora en español

Yahoo group: Super_SID
Date: 2014-03-05 21:41:42 UTC
From: WILLIAM & MELINDA LORD
Topic: 1261 Message: 1261

Gracias a la labor de Arturo Garcia Cole, Blanca Gonzalez Ayala,y SantiagoAlfredo Diaz Azuara
ahora tenemos la SuperSID manuales traducidos al español. Puede muy bien estas en el grupo de SuperSID.

https://groups.yahoo.com/neo/groups/Super_SID/files/SuperSID%20Manuals%20and%20Documents%20in%20Spanish/

Thanks to the work of Arturo García Cole, Blanca Gonzalez Ayala, and Santiago Alfredo Diaz Azuara
we now have the SuperSID manuals translated into Spanish. These can be found in the SuperSIDgroup under files.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1262. Re: [Super_SID] Re: Downloading data files?

Yahoo group: Super_SID
Date: 2014-03-07 03:57:07 UTC
From: Deborah Scherrer
Topic: 1107 Message: 1262

Hi Steve,
My immense apologies for taking so long to get back to you.
I did check with my original programmer, Scott Winegarden, and he
pointed me to the place in the code that deals with quality. However,
alas, I am so
overwhelmed with stuff that I can't get to doing the recoding.

Are you still interesting in working on/fixing this stuff? I believe
the situation is that Scott's code is pretty much complete. And
the holdup is that I need to change my data ingestion code to
match. However, I am not sure of that and would need several
hours to determine how this needs to be handled.

I still think this is a serious issue, and I would be willing to either
spend some time on it myself, or try to find funds to bring in
Scott to make it work. The issue is -- how important is it to
you?

If it's very important, then I will put effort into it. If not, then please
let me know. ;-)

Others in the SuperSID yahoo groups, please let us know how you
feel about this issue as well. With enough interest, I could probably
get it done one way or 'tother.

Thanks.
Debbie

On 4/22/13 11:54 AM, Steve Berl wrote:
> I could be as simple as sending out the code that calculates the data
> quality value?
>
> I'd hope to use that to create a tool to calculate that and similar
> data analysis on my local data files.
> If it works, I'd be happy to share with the rest of the list.
>
> -steve
>
>
> On Mon, Apr 22, 2013 at 11:32 AM, Deborah Scherrer
> <dscherrer@... <mailto:dscherrer@...>>
> wrote:
>
> Our programmer, Scott Winegarden, worked for quite some time on
> these algorithms. I will ask if he would write up something on them.
> However, given that our funding has been cut, there's not much chance

> of getting this system in place...
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> Debbie
>
>
> On 4/17/13 6:08 PM, Steve Berl wrote:
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>> Knowing the time of sunrise or sunset is only part of the
>> problem. Recognizing the shape of the signal strength curve and
>> that it "looks like" a sunrise curve is the part I would like to
>> see how it is done.
>>
>>
>> Steve
>>
>> On Wednesday, April 17, 2013, Eric Gibert wrote:
>>
>> It is easy to import pyephem. Location shall use the
>> coordinate of the data file, the date is also found on the
>> header, then sunset and sunrise are provided by a simple
>> method call.
>>
>> Download and tutorial on http://rhodesmill.org/pyephem/
>>
>> Best regards
>> Eric
>> ---
>> *De :* Steve Berl <steveberl@...>
>> *? :* Deborah Scherrer <dscherrer@...>
>> *Cc :* "Super_SID@yahoogroups.com"
>> <Super_SID@yahoogroups.com>; "supersid@..."
>> <supersid@...>; Scott Winegarden
>> <scottw@...>
>> *Envoy? le :* Mardi 16 avril 2013 9h54
>> *Objet :* Re: [Super_SID] Downloading data files?
>>
>> I'd be interested in the nitty gritty of the algorithm for
>> detecting the sunrise/sunset signatures.
>>
>> Perhaps it would be useful as a tool for end users to help
>> them select which stations to monitor?
>> I've already been thinking about a config file validator, and
>> a data file validator would fit right in.
>>
>> I would also be able to help other sites to improve the
>> quality of their data.
>>
>> -steve
>>
>>

>> On Mon, Apr 15, 2013 at 5:10 PM, Deborah Scherrer
>> <dscherrer@...> wrote:
>>
>> Yes, our software adds the DataMin and DataMax fields to
>> help us scale the plots.
>>
>> The dataquality things are a longer story. Once we
>> started to receive a lot of
>> SuperSID data files, we noticed that many of them showed
>> either very noisy
>> or just plain bad data. What we'd commonly see what a new
>> site came is
>> was files from monitoring 6 transmitter sites. Of those,
>> 2 or 3 would
>> show a good sunrise/set signature and the other 3-4 would
>> be bad,
>> i.e. not aligned with the signal, data. This was
>> happening so often that
>> we looked into ways to validate the quality of the data.
>>
>> My programmer, Scott Winegarden, played around with
>> several algorithms to
>> detect a valid sunrise/set signature and distinguish the
>> reasonable data from
>> the others than were essentially noise. He eventually
>> found some that worked
>> pretty well.
>>
>> The initial goal was to use this information
>> to contact the various sites, letting them know that they
>> were picking up very
>> good signals from some transmitters, but noisy or bad
>> ones from the others.
>>
>> The code for these algorithms actually works and has been
>> tested. However, to make the
>> feature useful, I still need to change the data
>> processing software to include the new
>> keywords and run the code on incoming data. I also need
>> to set up a run-through of
>> all our existing data to get it analyzed as well.
>>
>> I was essentially set to add those changes when we lost
>> funding for Scott, and any other
>> student helpers. At this point I realized that, even if
>> we could determine quality data
>> from noise, there was no one here to contact the various
>> sites and work with them
>> to improve their data. So I never got around to
>> implementing the code.

>>
>> If you, i.e. the people in the SID community, think this
>> would be valuable information
>> to have, I could (eventually) get the code finished. It
>> would be most useful if people
>> were also willing to work with their colleagues to clean
>> up the various data.
>>
>> Let me know what you think. Currently it's pretty low
>> priority on my (almost endless)
>> To-Do List. ;-)
>>
>> Debbie
>>
>>
>>
>> On 4/1/13 9:38 AM, Steve Berl wrote:
>>> Hi Everyone,
>>>
>>> If I download data files from
>>> sid.stanford.edu/database-browser
>>> <http://sid.stanford.edu/database-browser>, it contains
>>> a few fields that I don't understand.
>>>
>>> I'm going to guess that DataMin and DataMax are the max
>>> and min values of the data in this file, which might be
>>> useful for scaling plots, etc.
>>>
>>> What are dataquality_average_v0.1 and dataquality_max_v0.1?
>>>
>>> Thanks in advance,
>>> --
>>> -steve
>>
>>
>>
>>
>> --
>> -steve
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>> --
>> -steve
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>
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>
> --

> -steve
>

1263. Monitor ID RHT

Yahoo group: Super_SID
Date: 2014-03-08 21:08:42 UTC
From: WILLIAM & MELINDA LORD
Topic: 1263 Message: 1263

The monitor with theID RHT seems to have their clock set to
the wrong date and time. So, at about 16:45 PST, or 23:45 UTC,
on June 12, they uploaded files for June 11. So both their
time and date seem to be off.

Please contact us so we can help you get the config file corrected.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1264. Re: [Super_SID] Monitor ID RHT

Yahoo group: Super_SID
Date: 2014-03-10 19:02:18 UTC
From: tayfun tayfun
Topic: 1263 Message: 1264
Attachments: 1 described; binary payloads are missing from this source WARC

In this way records. Is it true?

2014-03-08 23:08 GMT+02:00 WILLIAM & MELINDA LORD <ap_guardian@...>:

>
>
>
> The monitor with theID RHT seems to have their clock set to the wrong date
> and time. So, at about 16:45 PST, or 23:45 UTC, on June 12, they uploaded
> files for June 11. So both their time and date seem to be off.
>
> Please contact us so we can help you get the config file corrected.
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> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
>
>

1265. A SID question

Yahoo group: Super_SID
Date: 2014-03-11 22:30:49 UTC
From: Robert L Tucker
Topic: 1265 Message: 1265
Attachments: 1 described; binary payloads are missing from this source WARC

This chart was recorded yesterday, March 10, in Tulsa, Oklahoma. While the fast rise, slow fall "shark fin" look of the event at 15:38 strongly suggests SID, what are the other two events with their relatively slow rises and slow falls?
Robert
K5TD

1266. Signal at 22.8kHz

Yahoo group: Super_SID
Date: 2014-03-12 01:10:38 UTC
From: Robert L Tucker
Topic: 1266 Message: 1266
Attachments: 1 described; binary payloads are missing from this source WARC

Where is this station located? Frequency: 22.8kHz. In this screen shot the stations at 24kHz and 25.2kHz are easy to see as well.

1267. Is this the mother...

Yahoo group: Super_SID
Date: 2014-03-13 04:13:54 UTC
From: Robert L Tucker
Topic: 1267 Message: 1267
Attachments: 1 described; binary payloads are missing from this source WARC

...of all SIDS?
It was recorded today, March 12, in Tulsa, Oklahoma on 22.8kHz (where is that?). Unfortunately, the timer ran out on Skypipe ending the recording in mid-decay so the picture does not show sunset.

1268. Re: Signal at 22.8kHz

Yahoo group: Super_SID
Date: 2014-03-13 06:33:19 UTC
From: <michael.r.sabino@...>
Topic: 1266 Message: 1268

Where are you located? What is your setup?

You can use the sampling rate detector in Spectrum Lab explained here:
http://www.qsl.net/dl4yhf/speclab/frqcalib.htm
http://www.qsl.net/dl4yhf/speclab/frqcalib.htm to verify the signal you're detecting has MSK modulation or whether it's something else like proprietary/CW. Based on the tiny peak in the signal, it looks like it's MSK.

Michael
AC9HH

1269. Re: [Super_SID] Re: Downloading data files?

Yahoo group: Super_SID
Date: 2014-03-15 16:52:34 UTC
From: Steve Berl
Topic: 1107 Message: 1269

Hi Debbie,

It's been a long time since I've looked at this at all, and just want to resync with what the issue is.
When you say

"I still think this is a serious issue, and I would be willing to either
> spend some time on it myself, or try to find funds to bring in
> Scott to make it work."

I think you are referring to calculating a metric for the "quality" of the data received from SuperSID monitors. Then the "quality" metric would be available to consumers of the data when they access it from Stanford servers.

Does that describe the issue?

Then, I was thinking to extend that a bit to include that the algorithm for calculating "quality" should be well defined, documented, and a sample implementation should be available to the SID community.

Does this capture the question?

-steve

On Thu, Mar 6, 2014 at 7:57 PM, Deborah Scherrer <
dscherrer@...> wrote:

> Hi Steve,
> My immense apologies for taking so long to get back to you.
> I did check with my original programmer, Scott Winegarden, and he
> pointed me to the place in the code that deals with quality. However,
> alas, I am so
> overwhelmed with stuff that I can't get to doing the recoding.
>
> Are you still interesting in working on/fixing this stuff? I believe
> the situation is that Scott's code is pretty much complete. And
> the holdup is that I need to change my data ingestion code to
> match. However, I am not sure of that and would need several
> hours to determine how this needs to be handled.
>
> I still think this is a serious issue, and I would be willing to either
> spend some time on it myself, or try to find funds to bring in
> Scott to make it work. The issue is -- how important is it to
> you?
>
> If it's very important, then I will put effort into it. If not, then

> please
> let me know. ;-)
>
> Others in the SuperSID yahoo groups, please let us know how you
> feel about this issue as well. With enough interest, I could probably
> get it done one way or 'tother.
>
> Thanks.
>
> Debbie
>
> On 4/22/13 11:54 AM, Steve Berl wrote:
>
>
> I could be as simple as sending out the code that calculates the data
> quality value?
>
> I'd hope to use that to create a tool to calculate that and similar data
> analysis on my local data files.
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>> these algorithms. I will ask if he would write up something on them.
>> However, given that our funding has been cut, there's not much chance
>> of getting this system in place...
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>> Debbie
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>>
>> On 4/17/13 6:08 PM, Steve Berl wrote:
>>
>>
>>
>> Knowing the time of sunrise or sunset is only part of the problem.
>> Recognizing the shape of the signal strength curve and that it "looks like"
>> a sunrise curve is the part I would like to see how it is done.
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>>
>> On Wednesday, April 17, 2013, Eric Gibert wrote:
>>
>>>
>>> It is easy to import pyephem. Location shall use the coordinate of
>>> the data file, the date is also found on the header, then sunset and

>>> sunrise are provided by a simple method call.
>>>
>>> Download and tutorial on http://rhodesmill.org/pyephem/
>>>
>>> Best regards
>>> Eric
>>> ------------------------------
>>> *De :* Steve Berl <steveberl@...>
>>> *À :* Deborah Scherrer <dscherrer@...>
>>> *Cc :* "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>; "
>>> supersid@..." <supersid@...>; Scott
>>> Winegarden <scottw@...u>
>>> *Envoyé le :* Mardi 16 avril 2013 9h54
>>> *Objet :* Re: [Super_SID] Downloading data files?
>>>
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>>> I'd be interested in the nitty gritty of the algorithm for detecting the
>>> sunrise/sunset signatures.
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>>> Perhaps it would be useful as a tool for end users to help them select
>>> which stations to monitor?
>>> I've already been thinking about a config file validator, and a data
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>>> or just plain bad data. What we'd commonly see what a new site came is
>>> was files from monitoring 6 transmitter sites. Of those, 2 or 3 would
>>> show a good sunrise/set signature and the other 3-4 would be bad,
>>> i.e. not aligned with the signal, data. This was happening so often
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>>> we looked into ways to validate the quality of the data.
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>>> My programmer, Scott Winegarden, played around with several algorithms to
>>> detect a valid sunrise/set signature and distinguish the reasonable data
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>>> the others than were essentially noise. He eventually found some that
>>> worked
>>> pretty well.
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>>> The initial goal was to use this information
>>> to contact the various sites, letting them know that they were picking
>>> up very
>>> good signals from some transmitters, but noisy or bad ones from the
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>>> The code for these algorithms actually works and has been tested.
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>>> Scott, and any other
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>>> from noise, there was no one here to contact the various sites and work
>>> with them
>>> to improve their data. So I never got around to implementing the code.
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>>> data.
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>>> (almost endless)
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>>> Debbie
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>>> On 4/1/13 9:38 AM, Steve Berl wrote:
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>>> Hi Everyone,
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>>> If I download data files from sid.stanford.edu/database-browser, it
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>>> I'm going to guess that DataMin and DataMax are the max and min values

>>> of the data in this file, which might be useful for scaling plots, etc.
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>>> What are dataquality_average_v0.1 and dataquality_max_v0.1?
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> -steve
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-steve

1270. Re: [Super_SID] Re: Downloading data files?

Yahoo group: Super_SID
Date: 2014-03-15 17:13:37 UTC
From: Deborah Scherrer
Topic: 1107 Message: 1270

Yes, you've got it. My programmer, Scott Winegarden, did come up with
a metric, which he had actually implemented in the data presentation code.
It needed changes to the data ingestion code as well, which is on my plate.

We would be very pleased to publish this algorithm and listen to any
ensuing discussion. Then, we would be equally happy to implement it,
or something similar or better, or at least reasonable.

However, we have no funds. Scott was a friend that I brought in some
years ago. I have no funds to bring him in again. (NASA is cutting
funding for most of its education program.) I am barely able to keep
up with the daily load, let alone do more. So, this issue
languishes...sigh....

Debbie

On 3/15/14 9:52 AM, Steve Berl wrote:
> Hi Debbie,
>
> It's been a long time since I've looked at this at all, and just want
> to resync with what the issue is.
> When you say
>
> "I still think this is a serious issue, and I would be willing to
> either
> spend some time on it myself, or try to find funds to bring in
> Scott to make it work."
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> I think you are referring to calculating a metric for the "quality" of
> the data received from SuperSID monitors. Then the "quality" metric
> would be available to consumers of the data when they access it from
> Stanford servers.
>
> Does that describe the issue?
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> Then, I was thinking to extend that a bit to include that the
> algorithm for calculating "quality" should be well defined,
> documented, and a sample implementation should be available to the SID
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>>> and that it "looks like" a sunrise curve is the part I would
>>> like to see how it is done.
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>>> Best regards
>>> Eric
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>>> *? :* Deborah Scherrer <dscherrer@...>
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>>> <Super_SID@yahoogroups.com>;
>>> "supersid@..."
>>> <supersid@...>; Scott Winegarden
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>>> *Envoy? le :* Mardi 16 avril 2013 9h54
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>>> validator, and a data file validator would fit right in.
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>>> I would also be able to help other sites to improve the
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>>> -steve
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>>> On Mon, Apr 15, 2013 at 5:10 PM, Deborah Scherrer
>>> <dscherrer@...> wrote:
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>>> fields to help us scale the plots.
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>>> i.e. not aligned with the signal, data. This was
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>>> My programmer, Scott Winegarden, played around with
>>> several algorithms to
>>> detect a valid sunrise/set signature and distinguish
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>>> the others than were essentially noise. He
>>> eventually found some that worked
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>>> The initial goal was to use this information
>>> to contact the various sites, letting them know that
>>> they were picking up very
>>> good signals from some transmitters, but noisy or
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>>> The code for these algorithms actually works and has
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>>> keywords and run the code on incoming data. I also
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>>> all our existing data to get it analyzed as well.
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>>> I was essentially set to add those changes when we
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>>> even if we could determine quality data
>>> from noise, there was no one here to contact the
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>>> were also willing to work with their colleagues to
>>> clean up the various data.
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>>> Let me know what you think. Currently it's pretty
>>> low priority on my (almost endless)
>>> To-Do List. ;-)
>>>
>>> Debbie
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>>> On 4/1/13 9:38 AM, Steve Berl wrote:
>>>> Hi Everyone,
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>>>> If I download data files from
>>>> sid.stanford.edu/database-browser
>>>> <http://sid.stanford.edu/database-browser>, it
>>>> contains a few fields that I don't understand.
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>>>> I'm going to guess that DataMin and DataMax are the
>>>> max and min values of the data in this file, which
>>>> might be useful for scaling plots, etc.
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>>>> What are dataquality_average_v0.1 and
>>>> dataquality_max_v0.1?
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>>>> Thanks in advance,
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> --
> -steve
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1271. Measuring the quality of a SuperDID file

Yahoo group: Super_SID
Date: 2014-03-16 00:58:22 UTC
From: Eric Gibert
Topic: 1271 Message: 1271

Dear Debbie,

Do not worry about the implementation: we [the SuperSID community] will do it. Once the algo is published, we can work it out.

Eric

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Deborah Scherrer
Sent: Sunday, March 16, 2014 1:14 AM
To: Steve Berl
Cc: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: Downloading data files?

Yes, you've got it. My programmer, Scott Winegarden, did come up with a metric, which he had actually implemented in the data presentation code. It needed changes to the data ingestion code as well, which is on my plate.

We would be very pleased to publish this algorithm and listen to any ensuing discussion. Then, we would be equally happy to implement it, or something similar or better, or at least reasonable.

However, we have no funds. Scott was a friend that I brought in some years ago. I have no funds to bring him in again. (NASA is cutting funding for most of its education program.) I am barely able to keep up with the daily load, let alone do more. So, this issue languishes...sigh....

Debbie

On 3/15/14 9:52 AM, Steve Berl wrote:

Hi Debbie,

It's been a long time since I've looked at this at all, and just want to resync with what the issue is.

When you say

"I still think this is a serious issue, and I would be willing to either spend some time on it myself, or try to find funds to bring in Scott to make it work."

I think you are referring to calculating a metric for the "quality" of the data received from SuperSID monitors. Then the "quality" metric would be available to consumers of the data when they access it from Stanford servers.

Does that describe the issue?

Then, I was thinking to extend that a bit to include that the algorithm for calculating "quality" should be well defined, documented, and a sample implementation should be available to the SID community.

Does this capture the question?

-steve

On Thu, Mar 6, 2014 at 7:57 PM, Deborah Scherrer <dscherrer@...> wrote:

Hi Steve,
My immense apologies for taking so long to get back to you.
I did check with my original programmer, Scott Winegarden, and he pointed me to the place in the code that deals with quality. However, alas, I am so
overwhelmed with stuff that I can't get to doing the recoding.

Are you still interesting in working on/fixing this stuff? I believe the situation is that Scott's code is pretty much complete. And the holdup is that I need to change my data ingestion code to match. However, I am not sure of that and would need several hours to determine how this needs to be handled.

I still think this is a serious issue, and I would be willing to either spend some time on it myself, or try to find funds to bring in Scott to make it work. The issue is -- how important is it to you?

If it's very important, then I will put effort into it. If not, then please let me know. ;-)

Others in the SuperSID yahoo groups, please let us know how you feel about this issue as well. With enough interest, I could probably get it done one way or 'tother.

Thanks.

Debbie

On 4/22/13 11:54 AM, Steve Berl wrote:

I could be as simple as sending out the code that calculates the data quality value?

I'd hope to use that to create a tool to calculate that and similar data analysis on my local data files.

If it works, I'd be happy to share with the rest of the list.

-steve

On Mon, Apr 22, 2013 at 11:32 AM, Deborah Scherrer
<dscherrer@...> wrote:

Our programmer, Scott Winegarden, worked for quite some time on
these algorithms. I will ask if he would write up something on them.
However, given that our funding has been cut, there's not much chance
of getting this system in place...

Debbie

On 4/17/13 6:08 PM, Steve Berl wrote:

Knowing the time of sunrise or sunset is only part of the problem.
Recognizing the shape of the signal strength curve and that it "looks like"
a sunrise curve is the part I would like to see how it is done.

Steve

On Wednesday, April 17, 2013, Eric Gibert wrote:

It is easy to import pyephem. Location shall use the coordinate of the data
file, the date is also found on the header, then sunset and sunrise are
provided by a simple method call.

Download and tutorial on http://rhodesmill.org/pyephem/

Best regards

Eric

_____

De : Steve Berl <steveberl@...>
À : Deborah Scherrer <dscherrer@....edu>
Cc : "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>;
"supersid@..." <supersid@...>; Scott
Winegarden <scottw@...>
Envoyé le : Mardi 16 avril 2013 9h54
Objet : Re: [Super_SID] Downloading data files?

I'd be interested in the nitty gritty of the algorithm for detecting the
sunrise/sunset signatures.

Perhaps it would be useful as a tool for end users to help them select which
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Let me know what you think. Currently it's pretty low priority on my (almost endless)
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Debbie

On 4/1/13 9:38 AM, Steve Berl wrote:

Hi Everyone,

If I download data files from sid.stanford.edu/database-browser, it contains a few fields that I don't understand.

I'm going to guess that DataMin and DataMax are the max and min values of the data in this file, which might be useful for scaling plots, etc.

What are dataquality_average_v0.1 and dataquality_max_v0.1?

Thanks in advance,

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--
-steve

--
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--
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--
-steve

1272. Re: [Super_SID] Measuring the quality of a SuperDID file

Yahoo group: Super_SID
Date: 2014-03-16 01:12:34 UTC
From: Deborah Scherrer
Topic: 1271 Message: 1272

OK, let me see if I can get it extracted from the code.

Debbie

On 3/15/14 5:58 PM, Eric Gibert wrote:
>
> Dear Debbie,
>
> Do not worry about the implementation: we [the SuperSID community]
> will do it. Once the algo is published, we can work it out.
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> *On Behalf Of *Deborah Scherrer
> *Sent:* Sunday, March 16, 2014 1:14 AM
> *To:* Steve Berl
> *Cc:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Re: Downloading data files?
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> Best regards
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> Eric
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> *De :*Steve Berl <steveberl@...
> <mailto:steveberl@...>>
> *? :* Deborah Scherrer <dscherrer@...
> <mailto:dscherrer@...>>
> *Cc :* "Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>"
> <Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>>;
> "supersid@...
> <mailto:supersid@...>"
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1273. Supersid on Raspberry Pi

Yahoo group: Super_SID
Date: 2014-03-18 00:38:37 UTC
From: <ciprian@...>
Topic: 1273 Message: 1273

Hi All,

I've seen some talk on this list not long ago about Supersid running on Raspberry Pi. I wonder if anyone had positive results using the program with an external USB audio card. I followed the instructions from https://github.com/ericgibert/supersid/tree/master/docs https://github.com/ericgibert/supersid/tree/master/docs and applied all tricks found on internet, but I was unable to make the Syba USB Sound Card work properly with 96 kHz sampling rate. Everything looks apparently fine, I can use ALSA utilities, play musing on this board, but recording a 24 kHz signal from NAA is showing just random noise.
The card works very well on Windows systems and I had excellent results with this inexpensive card.
I would appreciate any suggestions.

Thanks,
Chip

1274. Re: [Super_SID] Supersid on Raspberry Pi

Yahoo group: Super_SID
Date: 2014-03-18 02:10:43 UTC
From: ericgibert@yahoo.fr
Topic: 1274 Message: 1274
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1275. RE: [Super_SID] Supersid on Raspberry Pi

Yahoo group: Super_SID
Date: 2014-03-18 02:51:39 UTC
From: Ciprian Sufitchi
Topic: 1274 Message: 1275

Unfortunately I need to monitor stations above 24 kHz. All strong signals available in US are higher than 24 kHz.

I just ordered a Wolfson audio card which is apparently specifically designed for Raspberry Pi: http://www.mcmelectronics.com/product/83-15550

Has anyone worked with this card?

Thanks,

Chip

_____

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of ericgibert@...
Sent: Monday, March 17, 2014 10:11 PM
To: Super_SID@yahoogroups.com; Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Supersid on Raspberry Pi

Hi Chip,

I have the same case as you with my soundblaster usb card and i settled for 48kHz sampling rate. If you are monitoring stations below 24kHz, this is sufficient and less data to proceed (good for little RasPi).

Note: in supersid/sampler.py, uncomment lines 65 to 72: this will list your card cnfig as found by alssaaudio library. You can then force one as parameter to pa_lib.open in line 74.

If you find a fix, please let us know.

Best regards

Sent from my Android

----- Reply message -----
From: ciprian@...
To: <Super_SID@yahoogroups.com>
Subject: [Super_SID] Supersid on Raspberry Pi
Date: Tue, Mar 18, 2014 8:38 am

Hi All,

I've seen some talk on this list not long ago about Supersid running on Raspberry Pi. I wonder if anyone had positive results using the program with an external USB audio card. I followed the instructions from https://github.com/ericgibert/supersid/tree/master/docs and applied all tricks found on internet, but I was unable to make the Syba USB Sound Card

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The card works very well on Windows systems and I had excellent results with this inexpensive card.
I would appreciate any suggestions.

Thanks,
Chip

1276. Re: [Super_SID] Supersid on Raspberry Pi

Yahoo group: Super_SID
Date: 2014-03-18 05:10:09 UTC
From: ericgibert@yahoo.fr
Topic: 1274 Message: 1276
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1277. Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-18 15:01:27 UTC
From: WILLIAM & MELINDA LORD
Topic: 1277 Message: 1277

Hi Folks,

John Cowlbeck has been using a sound card on the RasPi with good results. See the link below.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

----- Forwarded Message -----
From: John Cowlbeck <JohnCowlbeck@...>
To: WILLIAM & MELINDA LORD <ap_guardian@...>
Sent: Tuesday, March 18, 2014 10:36 AM
Subject: USB Sound Card

I have been using this card on the RasPi with no
problem at 96k.http://www.mcmelectronics.com/content/productimages/s3/83-15107.jpg

1278. Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-18 15:03:39 UTC
From: WILLIAM & MELINDA LORD
Topic: 1277 Message: 1278

Here is a link with more details http://www.mcmelectronics.com/product/83-15107

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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----- Forwarded Message -----
From: WILLIAM & MELINDA LORD <ap_guardian@...>
To: SuperSID Group <super_sid@yahoogroups.com>
Sent: Tuesday, March 18, 2014 11:01 AM
Subject: Fw: USB Sound Card

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1279. Re: [Super_SID] Supersid on Raspberry Pi

Yahoo group: Super_SID
Date: 2014-03-19 06:47:27 UTC
From: Ralph Rogge
Topic: 1274 Message: 1279
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1280. Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-22 15:58:01 UTC
From: <24launch@...>
Topic: 1277 Message: 1280

Unfortunately looking at the spec sheets it appears the LineIn & SPDIF In are sampling at a max of 48KHz. Only one place does it mention Hi-Def audio but that's talking about Output.

John, have you been able to verify you truly are sampling at 96KHz? Have you ask them specifically at MCM Electronics?

I know with many audio devices you can specify 96KHz but if they can only sample 48KHz you don't get any errors, just 1/2 the sample rate you expected. It would be interesting to compare the signal you're getting with your antenna with this setup and say, a known HI-Def soundcard on your PC.

Being a RaspberryPi fanboi I too have been looking for a good quality audio solution and unfortunately most of those little $14-$30 USB "block" type devices are far too noisy or still only sample at 48KHz max.

Wayne

---In Super_SID@yahoogroups.com, <ap_guardian@...> wrote :

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Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

----- Forwarded Message -----
From: WILLIAM & MELINDA LORD <ap_guardian@...>
To: SuperSID Group <super_sid@yahoogroups.com>
Sent: Tuesday, March 18, 2014 11:01 AM
Subject: Fw: USB Sound Card

Hi Folks,

John Cowlbeck has been using a sound card on the RasPi with good results. See the link below.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

----- Forwarded Message -----
From: John Cowlbeck <JohnCowlbeck@...>

To: WILLIAM & MELINDA LORD <ap_guardian@...>
Sent: Tuesday, March 18, 2014 10:36 AM
Subject: USB Sound Card

I have been using this card on the RasPi with no problem at 96k.
http://www.mcmelectronics.com/content/productimages/s3/83-15107.jpg
http://www.mcmelectronics.com/content/productimages/s3/83-15107.jpg

1281. Re: [Super_SID] Supersid on Raspberry Pi

Yahoo group: Super_SID
Date: 2014-03-22 16:09:35 UTC
From: <24launch@...>
Topic: 1274 Message: 1281

Hi Ralph,

I had a look at the Wolfson card and I don't believe it will fit in any of the normal Pi cases. It DOES elegantly sandwich on top of the Pi with no soldering (thank you!) but obviously makes it slightly thicker.

Also though it doesn't say it you probably want to make sure you're powering your Pi with more than a standard 750mAh adapter. When I bought my Pi I bought a 2Ah adapter many others were using specifically with the Pi - like $35 on Amazon.

I have concerns about the sample rate though, which I posted in the previous discussion. In reading the users manual (available as a PDF on the vendor's site) everything I saw only mentioned 48KHz but didn't necessarily say it was the MAX sampling rate. Though you'd think a selling point would be mentioning the max sampling rate.

I have to qualify that I'm certainly no electronics wizard and MCM Electronics did have several links to detail spec sheets on pretty much every component on the board. So perhaps the devil is in the details there.

I'll be interested to see if John can compare his graphs with a known Hi-Def card.

Wayne

1282. Re: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-22 21:10:49 UTC
From: John Cowlbeck
Topic: 1277 Message: 1282

Wayne
As a mater of fact I am running two SuperSid monitors 0309 and 901. 901 is the on a dell desk top using the new usb radio and the Prudent Way PWI-USB-A71 audio. 0309 is running on a Dell laptop using the old SuperSid radio. Take a look at them.
John

Home 540-586-8042
Cell 540-871-0636

1283. Re: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-23 15:59:47 UTC
From: <24launch@...>
Topic: 1277 Message: 1283

Hey John,

Nothing was attached. You may have to post them to the Yahoo group.

I sent an email to the US office of Wolfson Microelectronics asking them about the sampling rate. Hopefully will hear back in the next few days.

Wayne

1284. Re: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-25 18:51:12 UTC
From: <24launch@...>
Topic: 1277 Message: 1284

Great news!

I got word back from Wolfson Microelectronics and the card is good for a sample rate up to 192KHz!

Here's the full reply along with a link to their support forum:

Thanks for your enquiry about the Wolfson audio card for Pi and great to hear you would like to use the card.
The maximum sample rate the Line input can support is 192kHz.

I am not sure if you are already aware, however I would like to direct you to the official Element 14 community support forum for the audio card, this can be found at the following link
http://www.element14.com/ community/community/raspberry- pi/raspberry-pi-accessories/ wolfson_pi http://www.element14.com/community/community/raspberry-pi/raspberry-pi-accessories/wolfson_pi
The forum is building momentum and already includes lots of useful information from current audio card users who can share experiences and projects.

Relative to your question, there is already a post which may be of interest.
http://www.element14.com/ community/thread/32339/l/ recording-up-to-192khz
http://www.element14.com/community/thread/32339/l/recording-up-to-192khz

Best Regards

Lynn Mason
Sales Administration Manager
Wolfson Microelectronics, Inc.
469 El Camino Real, Ste. 227
Santa Clara, CA 95050
+ 1 408 329 9800 main

So I'm placing my order tonight!

Wayne

1285. Re: [Super_SID] Re: Fw: USB Sound C ard

Yahoo group: Super_SID
Date: 2014-03-25 19:32:12 UTC
From: Ciprian Sufitchi
Topic: 1277 Message: 1285

Yep, I can confirm that. I got the audio card, then installed drivers, which actually required either to recompile the kernel or download a full distribution (4GB) from their web site (I hope that will be fixed soon). I recompiled the kernel, process that required a couple of hours.

As per their documentation depending on what you plan to do with the board, you should execute an appropriate shell script, in this case Record_From_LineIn.sh. I retrieved the name of the audio card from aplay -l to configure Supersid.cfg and I was pleased that the program started to report field values for stations above 24 KHz. Then I had to figure out which is the control I could use with alsamixer to adjust the input. That wasnt easy, there are dozen of in or out parameters to adjust. It is IN3L (or IN3R depending on your connector), but that information was availabe in the shell script, I realized that later. I checked with a signal generator that Supersid is sensitive to my particular frequency and I am not picking just noise. It was sensitive. Then, problem... after about 20 minutes of recording Supersid would report it can't get input signals anymore, everything was 0.000000. A program restart or execution of the shell would not fix the error. Raspberry Pi should be restarted to use Supersid again. The error happens always, a few minutes into recording, like there a buffer somewhere that can't take anything more. Investigtion is required.

However I was pleased to see that VLF Tools package works pretty well. I was never able to use VLF Tools with R-Pi and an USB audio card, but Wolfson appears to match the program pretty well. There is no timeout as I saw with Supersid, no error so far. I was able to create a spectrum 0-96 KHz which included a nice peek from NAA at 24 kHz. I couldnt see other VLF stations, but I didn't have time to dig into details yet, I guess I will sort things out tonight. VLF Tools is a great advanced package mainly designed to monitor ELF frequencies but it can be used for SID work as well. I wish Supersid worked well but at this time probably the author may want to look into the issues with Wolfson card.

Once I discover other new things, I will report them on the list.

Chip

On 2014-03-25 14:51, 24launch@... wrote:
> Great news!
>
> I got word back from Wolfson Microelectronics and the card is good
> for a sample rate up to 192KHz!
>
> Here's the full reply along with a link to their support forum:
>

> Thanks for your enquiry about the Wolfson audio card for Pi and great
> to hear you would like to use the card.
>
> The maximum sample rate the Line input can support is 192kHz.
>
> I am not sure if you are already aware, however I would like to
> direct you to the official Element 14 community support forum for the
> audio card, this can be found at the following link
>
> http://www.element14.com/ community/community/raspberry-
> pi/raspberry-pi-accessories/ wolfson_pi [1]
>
> The forum is building momentum and already includes lots of useful
> information from current audio card users who can share experiences
> and projects.
>
> Relative to your question, there is already a post which may be of
> interest.
>
> http://www.element14.com/ community/thread/32339/l/
> recording-up-to-192khz [2]
>
> Best Regards
>
> Lynn Mason
>
> Sales Administration Manager
>
> Wolfson Microelectronics, Inc.
>
> 469 El Camino Real, Ste. 227
>
> Santa Clara, CA 95050+ 1 408 329 9800 main
>
> So I'm placing my order tonight!
>
> Wayne
>
>
> Links:
> ------
> [1]
>
> http://www.element14.com/community/community/raspberry-pi/raspberry-pi-accessories/wolfs
on_pi
> [2]
> http://www.element14.com/community/thread/32339/l/recording-up-to-192khz
> [3]
>
> https://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJxNm92bDVwBF9TAzk3MzU5NzE0BGdyc

ElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg0BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM
5NTc3MzQ3Mg--?act=reply&messageNum=1284
> [4]
>
> https://groups.yahoo.com/group/Super_SID/post;_ylc=X3oDMTJmOWRuY2psBF9TAzk3MzU5NzE0BGdyc
ElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzOTU3NzM0NzI-
> [5]
>
> https://groups.yahoo.com/group/Super_SID/message/1277;_ylc=X3oDMTM1NWN0ajJ2BF9TAzk3MzU5N
zE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg0BHNlYwNmdHIEc2xrA3Z0cGMEc3R
pbWUDMTM5NTc3MzQ3MgR0cGNJZAMxMjc3
> [6]
>
> https://groups.yahoo.com/group/Super_SID;_ylc=X3oDMTJmaDg3NnYyBF9TAzk3MzU5NzE0BGdycElkAz
M2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzOTU3NzM0NzI-
> [7]
>
> https://groups.yahoo.com/group/Super_SID/members;_ylc=X3oDMTJnOGdoMWlrBF9TAzk3MzU5NzE0BG
dycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMzk1NzczNDcy
?o=6
> [8]
>
> https://groups.yahoo.com/;_ylc=X3oDMTJlOGJzdTRwBF9TAzk3NDc2NTkwBGdycElkAzM2MjgwNDIxBGdyc
HNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM5NTc3MzQ3Mg--
> [9] https://info.yahoo.com/privacy/us/yahoo/groups/details.html
> [10] https://info.yahoo.com/legal/us/yahoo/utos/terms/

1286. Re: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-26 13:40:45 UTC
From: John Cowlbeck
Topic: 1277 Message: 1286

Chip
Try changing the Supersid.cfg file to monitor just two stations (24k & 25.2k). I had the same problem trying to monitor 6 stations.
John

Home 540-586-8042
Cell 540-871-0636

1287. Re: [Super_SID] Re: Fw: USB Sound C ard

Yahoo group: Super_SID
Date: 2014-03-26 13:43:34 UTC
From: Ciprian Sufitchi
Topic: 1277 Message: 1287

I had 3 stations to monitor in my cfg file, but I will reduce them to 1
or 2 to see the difference.
Thanks for the tip.

Chip

On 2014-03-26 09:40, John Cowlbeck wrote:
> □
> Chip
> Try changing the Supersid.cfg file to monitor just two stations (24k
> & 25.2k). I had the same problem trying to monitor 6 stations.
> John
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> Cell 540-871-0636
>
>
>
> Links:
> ------
> [1]
>
> https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_ylc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=reply&messageNum=1286
> [2]
>
> https://groups.yahoo.com/neo/groups/Super_SID/conversations/newtopic;_ylc=X3oDMTJmMnNxZWNqBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzOTU4NDEyNTA-
> [3]
>
> https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1277;_ylc=X3oDMTM1Nm4zdjVjBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTM5NTg0MTI1MAR0cGNJZAMxMjc3
> [4]
>
> https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmajY2cjNkBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzOTU4NDEyNTA-
> [5]
>
> https://groups.yahoo.com/neo/groups/Super_SID/members/all;_ylc=X3oDMTJnNXVlODk3BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMzk1ODQxMjUw
> [6]

>
> https://groups.yahoo.com/neo;_ylc=X3oDMTJlcG5kMzFmBF9TAzk3NDc2NTkwBGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM5NTg0MTI1MA--
> [7] https://info.yahoo.com/privacy/us/yahoo/groups/details.html
> [8] https://info.yahoo.com/legal/us/yahoo/utos/terms/

1288. Re: [Super_SID] Re: Fw: USB Sound C ard

Yahoo group: Super_SID
Date: 2014-03-26 23:29:04 UTC
From: <24launch@...>
Topic: 1277 Message: 1288

John,

Thanks as well for the tip. I was going to ask if you had experienced the same problem as Chip, to try to determine if it was an issue with his particular hardware / setup or not.

Thanks!

Wayne

---In Super_SID@yahoogroups.com, <ciprian@...> wrote :

I had 3 stations to monitor in my cfg file, but I will reduce them to 1
or 2 to see the difference.
Thanks for the tip.

Chip

On 2014-03-26 09:40, John Cowlbeck wrote:
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> https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_ylc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=reply&messageNum=1286 https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_ylc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=reply&messageNum=1286
> [2]
>
> https://groups.yahoo.com/neo/groups/Super_SID/conversations/newtopic;_ylc=X3oDMTJmMnNxZWNqBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzOTU4NDEyNTA- https://groups.yahoo.com/neo/groups/Super_SID/conversations/newtopic;_ylc=X3oDMTJmMnNxZWNqBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzOTU4NDEyNTA-

> [3]
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> https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1277;_ylc=X3oDMTM1Nm4zdjVjBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTM5NTg0MTI1MAR0cGNJZAMxMjc3 https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1277;_ylc=X3oDMTM1Nm4zdjVjBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTM5NTg0MTI1MAR0cGNJZAMxMjc3
> [4]
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> https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmajY2cjNkBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzOTU4NDEyNTA- https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmajY2cjNkBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzOTU4NDEyNTA-
> [5]
>
> https://groups.yahoo.com/neo/groups/Super_SID/members/all;_ylc=X3oDMTJnNXVlODk3BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMzk1ODQxMjUw https://groups.yahoo.com/neo/groups/Super_SID/members/all;_ylc=X3oDMTJnNXVlODk3BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMzk1ODQxMjUw
> [6]
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> https://groups.yahoo.com/neo;_ylc=X3oDMTJlcG5kMzFmBF9TAzk3NDc2NTkwBGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM5NTg0MTI1MA-- https://groups.yahoo.com/neo;_ylc=X3oDMTJlcG5kMzFmBF9TAzk3NDc2NTkwBGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM5NTg0MTI1MA--
> [7] https://info.yahoo.com/privacy/us/yahoo/groups/details.html
https://info.yahoo.com/privacy/us/yahoo/groups/details.html
> [8] https://info.yahoo.com/legal/us/yahoo/utos/terms/ https://info.yahoo.com/legal/us/yahoo/utos/terms/

1289. Re: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-27 14:48:13 UTC
From: ericgibert@yahoo.fr
Topic: 1277 Message: 1289

Good good good!
Please keep us posted .

1290. Need help with convention

Yahoo group: Super_SID
Date: 2014-03-27 15:41:03 UTC
From: WILLIAM & MELINDA LORD
Topic: 1290 Message: 1290

Hi Folks,

ARRL National Centennial Convention will be held in Hartford, Connecticut July 17 to 19.
https://www.regonline.com/builder/site/Default.aspx?EventID=1248082

SARA has an opportunity to have a booth at this convention. We would like to find at least two volunteers for each day to man the booth. We have
had good luck recruiting amateur radio operators to radio astronomy, so this would be a good event to participate in.
If you are available and interested in helping, please let me know asap so we can reserve a booth.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1291. SARA and Radio Jove Conference

Yahoo group: Super_SID
Date: 2014-03-27 16:10:10 UTC
From: WILLIAM & MELINDA LORD
Topic: 1291 Message: 1291

Hi Folks,

The SARA and Radio Jove Conference will be held at the National Radio Astronomy Observatory (NRAO) in Green Bank, WV. The SARA conference is Sunday June 29 to Wednesday July 2. The Radio Jove Conference is Wednesday July 2 to Friday July 4. All are welcome to attend either or both conferences.

Details can be found at http://www.radio-astronomy.org/meetings

Abstracts for the SARA Conference can be found at http://www.radio-astronomy.org/node/165. Watch the web and this list for Radio Jove abstracts.

Radio Jove has posted a tentative schedule at http://www.radio-astronomy.org/node/163

We have reserved the bunk house which is a single story building with air conditioning. No internet access or TV's are in the bunk house. Internet access is available in the visitor center. Bunk space is available at $20.00 per night. There is plenty of room to spread out in the bunkhouse. Those staying in the
bunk spaces need to bring bedding; i.e. sheets, blanket, pillow or
sleeping bag.

Photos of the bunk house rooms and the dorm can be viewed at
http://www.flickr.com/photos/tnskynet/sets/72157635281270043/

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1292. RE: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-28 04:50:43 UTC
From: Ciprian Sufitchi
Topic: 1277 Message: 1292

I performed many combinations, with Wolfson audio card and USB audio dongle, but I still have errors from Supersid.

The most stable at 96 kHz sampling was Raspberry Pi with Wolfson card running Supersid monitoring only one VLF station (NAA).

I had continous monitoring for about 3 hours. Then I recorded this long error:

***

Stations: [{'color': 'y', 'raw_buffer': array([0., 0., 0., ..., 0., 0., 0.]), 'frequency': '24000', 'call_sign': 'NAA'}]

2014-03-28 04:00:00.005996 [2880] Capturing data... Exception i n thread Thread-571:

Traceback (most recent call last):

File "/usr/lib/python2.7 /threading.py", line 552, in __bootstrap_inner

self.run()

File "/usr/lib/pyt hon2.7/threading.py", line 760, in run

self.function(*self.args, **self.kwarg s)

File "/home/pi/supersid/supersid/sidtimer.py", line 45, in _ontimer

self. callback()

File "./supersid.py", line 144, in on_timer

self.save_current_buf fers(filename=fileName, log_type='raw', log_format='supersid_extended')

File ". /supersid.py", line 171, in save_current_buffers

fnames = self.logger.log_sup ersid_format(self.config.stations, filename, log_type=log_type, extended=log_for mat.endswith('extended'))

File "/home/pi/supersid/supersid/logger.py", line 70, in log_supersid_format

self.sid_file.write_data_supersid(my_filename, log_ty pe, extended=extended, bema_wing=self.config["bema_wing"])

File "/home/pi/super sid/supersid/sidfile.py", line 327, in write_data_supersid

hdr = self.create_ header(isSuperSid = True, log_type = log_type)

File "/home/pi/supersid/supersid /sidfile.py", line 291, in create_header

hdr += "# Stations = %s\n" % self.si d_params['stations']

KeyError: 'stations'

***

After that Supersid continued to report the signal level for I'd say 30 minutes. Suddently the signal dropped to 0.00 and all I got was this:

***

2014-03-28 04:39:45.013275 [3357] Capturing data... Fail to read data from audio using alsaaudio sound card capture on sysdefault:CARD=sndrpiwsp

***

At this point, Supersid won't restart. Not even VLF tools. The vtcard command is reporting this:

vtcard: soundcard read failed: Cannot allocate memory

So I guess a memory leak or something in Supersid made the sound card be unusable. To get back to normal I will need to restart Raspberry Pi.

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Ciprian Sufitchi
Sent: Wednesday, March 26, 2014 9:44 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: Fw: USB Sound Card

I had 3 stations to monitor in my cfg file, but I will reduce them to 1
or 2 to see the difference.
Thanks for the tip.

Chip

On 2014-03-26 09:40, John Cowlbeck wrote:
> □
> Chip
> Try changing the Supersid.cfg file to monitor just two stations (24k
> & 25.2k). I had the same problem trying to monitor 6 stations.
> John
>
> Home 540-586-8042
> Cell 540-871-0636
>
>
>
> Links:
> ------

> [1]
>
> https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_ylc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=reply&messageNum=1286
> [2]
>
> https://groups.yahoo.com/neo/groups/Super_SID/conversations/newtopic;_ylc=X3oDMTJmMnNxZWNqBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzOTU4NDEyNTA-
> [3]
>
> https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1277;_ylc=X3oDMTM1Nm4zdjVjBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTM5NTg0MTI1MAR0cGNJZAMxMjc3
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> [5]
>
> https://groups.yahoo.com/neo/groups/Super_SID/members/all;_ylc=X3oDMTJnNXVlODk3BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMzk1ODQxMjUw
> [6]
>
> https://groups.yahoo.com/neo;_ylc=X3oDMTJlcG5kMzFmBF9TAzk3NDc2NTkwBGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM5NTg0MTI1MA--
> [7] https://info.yahoo.com/privacy/us/yahoo/groups/details.html
> [8] https://info.yahoo.com/legal/us/yahoo/utos/terms/

1293. Re: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-28 15:49:05 UTC
From: Steve Berl
Topic: 1277 Message: 1293

If the time it takes to run out of memory doubles for is half for 2
stations and 1/3 for 3 stations, it's probably the SuperSID process running
out out memory for its internal buffers.

If the time stay stays the same no matter how many stations, it's probably
ALSA or the device driver, since those have no notion of how many stations
are being monitored.

Perhaps the RPi just doesn't have enough memory?

Can you run some command like ps or top and sort my the memory used, or
vm_stat to show how much memory is being used. Doing this periodically
before the failure will probably show the memory slowly going away, until
it crashes.

-steve

On Thu, Mar 27, 2014 at 9:50 PM, Ciprian Sufitchi <ciprian@...>wrote:

>
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> I performed many combinations, with Wolfson audio card and USB audio
> dongle, but I still have errors from Supersid.
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> The most stable at 96 kHz sampling was Raspberry Pi with Wolfson card
> running Supersid monitoring only one VLF station (NAA).
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> I had continous monitoring for about 3 hours. Then I recorded this long
> error:
>
>
>
> ***
>
> Stations: [{'color': 'y', 'raw_buffer': array([0., 0., 0., ..., 0.,
> 0., 0.]), 'frequency':
> '24000', 'call_sign': 'NAA'}]
>
> 2014-03-28 04:00:00.005996 [2880] Capturing data...
> Exception i n thread Thread-571:
>
> Traceback (most recent call last):
>
> File
> "/usr/lib/python2.7
> /threading.py", line 552, in __bootstrap_inner

```
>
> self.run()
>
> File
> "/usr/lib/pyt
> hon2.7/threading.py", line 760, in run
>
> self.function(*self.args,
> **self.kwarg s)
>
> File "/home/pi/supersid/supersid/sidtimer.py", line 45, in _ontimer
>
>
> self.
> callback()
>
> File "./supersid.py", line 144, in on_timer
>
>
> self.save_current_buf
> fers(filename=fileName, log_type='raw',
> log_format='supersid_extended')
>
>
> File ". /supersid.py", line
> 171, in save_current_buffers
>
> fnames =
> self.logger.log_sup
> ersid_format(self.config.stations, filename, log_type=log_type,
> extended=log_for
> mat.endswith('extended'))
>
> File "/home/pi/supersid/supersid/logger.py",
> line 70, in log_supersid_format
>
> self.sid_file.write_data_supersid(my_filename,
> log_ty pe, extended=extended,
> bema_wing=self.config["bema_wing"])
>
> File
> "/home/pi/super
> sid/supersid/sidfile.py", line 327, in write_data_supersid
>
> hdr =
> self.create_ header(isSuperSid
> = True, log_type = log_type)
>
> File
> "/home/pi/supersid/supersid
```

> /sidfile.py", line 291, in create_header
>
> hdr += "# Stations = %s\n" %
> self.si d_params['stations']
>
> KeyError: 'stations'
>
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>
>
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> After that Supersid continued to report the signal level for I'd say 30
> minutes. Suddently the signal dropped to 0.00 and all I got was this:
>
>
>
> ***
>
> 2014-03-28 04:39:45.013275 [3357] Capturing data... Fail
> to read data from audio using alsaaudio sound card capture on
> sysdefault:CARD=sndrpiwsp
>
> ***
>
>
>
> At this point, Supersid won't restart. Not even VLF tools. The vtcard
> command is reporting this:
>
> vtcard: soundcard read failed: Cannot allocate memory
>
>
>
> So I guess a memory leak or something in Supersid made the sound card be
> unusable. To get back to normal I will need to restart Raspberry Pi.
>
>
>
> Chip
>
>
> ------------------------------
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] *On
> Behalf Of *Ciprian Sufitchi
> *Sent:* Wednesday, March 26, 2014 9:44 AM
>
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Re: Fw: USB Sound Card
>

>
>
>
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> > [1]
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> >
> https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_ylc=X3oDMTJxZ
TY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwN
mdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=reply&messageNum=1286
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> >
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NqBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjBHN0
aW1lAzEzOTU4NDEyNTA-
> > [3]
> >
> >
> https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1277;_ylc=X3oDMTM1Nm4
zdjVjBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmd
HIEc2xrA3Z0cGMEc3RpbWUDMTM5NTg0MTI1MAR0cGNJZAMxMjc3
> > [4]
> >
> >
> https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmajY2cjNkBF9TAzk3MzU5NzE0
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> >

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> > [7] https://info.yahoo.com/privacy/us/yahoo/groups/details.html
> > [8] https://info.yahoo.com/legal/us/yahoo/utos/terms/
>
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>

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-steve

1294. RE: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-29 03:45:00 UTC
From: Ciprian Sufitchi
Topic: 1277 Message: 1294

It stayed running the longest with only one station monitored, as opposed to 3, however when I checked "top" I saw nothing special regarding the memory, the R-Pi was running ok for any other application. However Supersid was not cooperative unless I restarted the system.

Chip

_____

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Steve Berl
Sent: Friday, March 28, 2014 11:49 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: Fw: USB Sound Card

If the time it takes to run out of memory doubles for is half for 2 stations and 1/3 for 3 stations, it's probably the SuperSID process running out out memory for its internal buffers.

If the time stay stays the same no matter how many stations, it's probably ALSA or the device driver, since those have no notion of how many stations are being monitored.

Perhaps the RPi just doesn't have enough memory?

Can you run some command like ps or top and sort my the memory used, or vm_stat to show how much memory is being used. Doing this periodically before the failure will probably show the memory slowly going away, until it crashes.

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I had continous monitoring for about 3 hours. Then I recorded this long error:

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Stations: [{'color': 'y', 'raw_buffer': array([0., 0., 0., ..., 0., 0., 0.]), 'frequency': '24000',

```
'call_sign': 'NAA'}]

2014-03-28 04:00:00.005996 [2880] Capturing data...
Exception i n thread Thread-571:

Traceback (most recent call last):

File
"/usr/lib/python2.7
/threading.py", line 552, in __bootstrap_inner

self.run()

File
"/usr/lib/pyt
hon2.7/threading.py", line 760, in run

self.function(*self.args,
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File "/home/pi/supersid/supersid/sidtimer.py", line 45, in _ontimer

self. callback()

File "./supersid.py", line 144, in on_timer

self.save_current_buf
fers(filename=fileName, log_type='raw', log_format='supersid_extended')

File ". /supersid.py", line 171,
in save_current_buffers

fnames =
self.logger.log_sup
ersid_format(self.config.stations, filename, log_type=log_type,
extended=log_for
mat.endswith('extended'))

File "/home/pi/supersid/supersid/logger.py", line
70, in log_supersid_format

self.sid_file.write_data_supersid(my_filename,
log_ty pe, extended=extended,
bema_wing=self.config["bema_wing"])

File
"/home/pi/super
sid/supersid/sidfile.py", line 327, in write_data_supersid

hdr =
self.create_ header(isSuperSid =
True, log_type = log_type)
```

File
"/home/pi/supersid/supersid
/sidfile.py", line 291, in create_header

hdr += "# Stations = %s\n" %
self.si d_params['stations']

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minutes. Suddently the signal dropped to 0.00 and all I got was this:

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So I guess a memory leak or something in Supersid made the sound card be
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Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf
Of Ciprian Sufitchi
Sent: Wednesday, March 26, 2014 9:44 AM

To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: Fw: USB Sound Card

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https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_y
lc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4M
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ylc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4
MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=rep
ly&messageNum=1286> &messageNum=1286
> [2]
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https://groups.yahoo.com/neo/groups/Super_SID/conversations/newtopic;_ylc=X3
oDMTJmMnNxZWNqBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNg
RzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzOTU4NDEyNTA-
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=X3oDMTM1Nm4zdjVjBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4Mjg
wNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTM5NTg0MTI1MAR0cGNJZAMxMjc
3
> [4]
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>
https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmajY2cjNkBF9T
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Dk3BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsB
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I1MA--
> [7] https://info.yahoo.com/privacy/us/yahoo/groups/details.html

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--
-steve

1295. Re: RE: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-29 03:54:44 UTC
From: ericgibert@yahoo.fr
Topic: 1277 Message: 1295

The error below happens when the usb card is no longer detected by the system . Every 5sec a new thread is created and get stuck . After X threads are created , no more memory is available .

Eric

1296. RE: RE: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-29 04:03:29 UTC
From: Ciprian Sufitchi
Topic: 1277 Message: 1296

But the problem I reported was produced by Supersid running not with USB card, but Wolfson audio card.

Could you handle a process that would inspect the threads and if they are stuck recycle them and release the memory?

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of ericgibert@...
Sent: Friday, March 28, 2014 11:55 PM
To: Super_SID@yahoogroups.com
Subject: Re: RE: [Super_SID] Re: Fw: USB Sound Card

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Eric

From: Ciprian Sufitchi <ciprian@...>;
To: <Super_SID@yahoogroups.com>;
Subject: RE: [Super_SID] Re: Fw: USB Sound Card
Sent: Sat, Mar 29, 2014 3:45:00 AM

It stayed running the longest with only one station monitored, as opposed to 3, however when I checked "top" I saw nothing special regarding the memory, the R-Pi was running ok for any other application. However Supersid was not cooperative unless I restarted the system.

Chip

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>
https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_ylc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=reply
<https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_ylc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=reply&messageNum=1286> &messageNum=1286
> [2]
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>
https://groups.yahoo.com/neo/groups/Super_SID/conversations/newtopic;_ylc=X3oDMTJmMnNxZWNqBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzOTU4NDEyNTA-
> [3]

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>
https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1277;_ylc
=X3oDMTM1Nm4zdjVjBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4Mjg
wNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTM5NTg0MTI1MAR0cGNJZAMxMjc
3
> [4]
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>
https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmajY2cjNkBF9T
Azk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2
Z2hwBHN0aW1lAzEzOTU4NDEyNTA-
> [5]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/members/all;_ylc=X3oDMTJnNXVlO
Dk3BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsB
HNsawN2bWJycwRzdGltZQMxMzk1ODQxMjUw
> [6]
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>
https://groups.yahoo.com/neo;_ylc=X3oDMTJlcG5kMzFmBF9TAzk3NDc2NTkwBGdycElkAz
M2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM5NTg0MT
I1MA--
> [7] https://info.yahoo.com/privacy/us/yahoo/groups/details.html
> [8] https://info.yahoo.com/legal/us/yahoo/utos/terms/

--
-steve

1297. Re: RE: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-29 04:03:06 UTC
From: ericgibert@yahoo.fr
Topic: 1277 Message: 1297

Sorry i was looking at the wrong place as the end of the log indicate another issue. This looks like the stations are not recognized properly.
Can you copy pate your cfg file? On the menu, there is an option to see the psrameters. Can you check that the entry stations is there?
I am monotoring 3 stations on my rpi, so thete is no limit there .
Are you ssking for sid or supersid format?

1298. RE: RE: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-29 04:18:20 UTC
From: Ciprian Sufitchi
Topic: 1277 Message: 1298

This my cfg file. I checked parameters during runtime and everything was right.

```
[PARAMETERS]

viewer = text

site_name = N2YO

longitude = -77.47

latitude = 38.89

utc_offset = -04:00

time_zone = EST

monitor_id = N2YO

audio_sampling_rate = 96000

log_interval = 5

log_format=sid_format

log_type = filtered

scaling_factor = 1.0

hourly_save = YES

data_path = /home/pi/supersid/data

automatic_upload = no

ftp_server = sid-ftp.stanford.edu

ftp_directory = /incoming/SuperSID/NEW/

number_of_stations = 1

[STATION_1]

call_sign = NAA

color = y

frequency = 24000

[Capture]
```

Audio=alsaaudio

#Card=External

#Card=Dongle

Card=sndrpiwsp

PeriodSize = 128

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of ericgibert@...
Sent: Saturday, March 29, 2014 12:03 AM
To: Super_SID@yahoogroups.com
Subject: Re: RE: [Super_SID] Re: Fw: USB Sound Card

Sorry i was looking at the wrong place as the end of the log indicate another issue. This looks like the stations are not recognized properly. Can you copy pate your cfg file? On the menu, there is an option to see the psrameters. Can you check that the entry stations is there?
I am monotoring 3 stations on my rpi, so thete is no limit there .
Are you ssking for sid or supersid format?

From: Ciprian Sufitchi <ciprian@...>;
To: <Super_SID@yahoogroups.com>;
Subject: RE: [Super_SID] Re: Fw: USB Sound Card
Sent: Sat, Mar 29, 2014 3:45:00 AM

It stayed running the longest with only one station monitored, as opposed to 3, however when I checked "top" I saw nothing special regarding the memory, the R-Pi was running ok for any other application. However Supersid was not cooperative unless I restarted the system.

Chip

From: Super_SID@yahoogroups.com [mailto: Super_SID@yahoogroups.com] On Behalf Of Steve Berl
Sent: Friday, March 28, 2014 11:49 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: Fw: USB Sound Card

If the time it takes to run out of memory doubles for is half for 2 stations and 1/3 for 3 stations, it's probably the SuperSID process running out out memory for its internal buffers.

If the time stay stays the same no matter how many stations, it's probably ALSA or the device driver, since those have no notion of how many stations

are being monitored.

Perhaps the RPi just doesn't have enough memory?

Can you run some command like ps or top and sort my the memory used, or vm_stat to show how much memory is being used. Doing this periodically before the failure will probably show the memory slowly going away, until it crashes.

-steve

On Thu, Mar 27, 2014 at 9:50 PM, Ciprian Sufitchi <ciprian@...> wrote:

I performed many combinations, with Wolfson audio card and USB audio dongle, but I still have errors from Supersid.

The most stable at 96 kHz sampling was Raspberry Pi with Wolfson card running Supersid monitoring only one VLF station (NAA).

I had continous monitoring for about 3 hours. Then I recorded this long error:

***

Stations: [{'color': 'y', 'raw_buffer': array([0., 0., 0., ..., 0., 0., 0.]), 'frequency': '24000',
'call_sign': 'NAA'}]

2014-03-28 04:00:00.005996 [2880] Capturing data...
Exception i n thread Thread-571:

Traceback (most recent call last):

File
"/usr/lib/python2.7
/threading.py", line 552, in __bootstrap_inner

self.run()

File
"/usr/lib/pyt
hon2.7/threading.py", line 760, in run

self.function(*self.args,
**self.kwarg s)

File "/home/pi/supersid/supersid/sidtimer.py", line 45, in _ontimer

self. callback()

File "./supersid.py", line 144, in on_timer

self.save_current_buf
fers(filename=fileName, log_type='raw', log_format='supersid_extended')

```
File ". /supersid.py", line 171,
in save_current_buffers

fnames =
self.logger.log_sup
ersid_format(self.config.stations, filename, log_type=log_type,
extended=log_for
mat.endswith('extended'))

File "/home/pi/supersid/supersid/logger.py", line
70, in log_supersid_format

self.sid_file.write_data_supersid(my_filename,
log_ty pe, extended=extended,
bema_wing=self.config["bema_wing"])

File
"/home/pi/super
sid/supersid/sidfile.py", line 327, in write_data_supersid

hdr =
self.create_ header(isSuperSid =
True, log_type = log_type)

File
"/home/pi/supersid/supersid
/sidfile.py", line 291, in create_header

hdr += "# Stations = %s\n" %
self.si d_params['stations']

KeyError: 'stations'
```

***

After that Supersid continued to report the signal level for I'd say 30 minutes. Suddently the signal dropped to 0.00 and all I got was this:

***

```
2014-03-28 04:39:45.013275 [3357] Capturing data... Fail to
read data from audio using alsaaudio sound card capture on
sysdefault:CARD=sndrpiwsp
```

***

At this point, Supersid won't restart. Not even VLF tools. The vtcard command is reporting this:

```
vtcard: soundcard read failed: Cannot allocate memory
```

So I guess a memory leak or something in Supersid made the sound card be unusable. To get back to normal I will need to restart Raspberry Pi.

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Ciprian Sufitchi
Sent: Wednesday, March 26, 2014 9:44 AM

To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: Fw: USB Sound Card

I had 3 stations to monitor in my cfg file, but I will reduce them to 1

or 2 to see the difference.
Thanks for the tip.

Chip

On 2014-03-26 09:40, John Cowlbeck wrote:
>
> Chip
> Try changing the Supersid.cfg file to monitor just two stations (24k
> & 25.2k). I had the same problem trying to monitor 6 stations.
> John
>
> Home 540-586-8042
> Cell 540-871-0636
>
>
>
> Links:
> ------
> [1]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_ylc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=repl
y
<https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_ylc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=reply&messageNum=1286> &messageNum=1286
> [2]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/conversations/newtopic;_ylc=X3oDMTJmMnNxZWNqBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzOTU4NDEyNTA-
> [3]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1277;_ylc=X3oDMTM1Nm4zdjVjBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTM5NTg0MTI1MAR0cGNJZAMxMjc

3
> [4]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmajY2cjNkBF9T
Azk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2
Z2hwBHN0aW1lAzEzOTU4NDEyNTA-
> [5]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/members/all;_ylc=X3oDMTJnNXVlO
Dk3BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsB
HNsawN2bWJycwRzdGltZQMxMzk1ODQxMjUw
> [6]
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>
https://groups.yahoo.com/neo;_ylc=X3oDMTJlcG5kMzFmBF9TAzk3NDc2NTkwBGdycElkAz
M2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM5NTg0MT
I1MA--
> [7] https://info.yahoo.com/privacy/us/yahoo/groups/details.html
> [8] https://info.yahoo.com/legal/us/yahoo/utos/terms/

--
-steve

1299. My first results using Wolfson audio card

Yahoo group: Super_SID
Date: 2014-03-29 04:31:06 UTC
From: Ciprian Sufitchi
Topic: 1277 Message: 1299

I am happy to report that the Wolfson audio card designed specifically for Raspberry Pi is doing a great job at 96 kHz sampling rate.
I attached a diagram after monitoring NAA today. Signal montoring and the png graph were generated with VLF Tools. The input is a little noisy, I have to see why is that, but the SID event(s) that occurred today is cleary visible.
I don't know if I can attach a file, so I uploaded the png picture here:
http://www.sidruino.com/03282014NAA.png

Chip

1300. RE: [Super_SID] My first results using Wolfson audio card

Yahoo group: Super_SID
Date: 2014-03-29 13:29:44 UTC
From: Eric Gibert
Topic: 1277 Message: 1300

Congratulations Chip!

You can add in the .cfg's [PARAMETERS] section:

bema_wing=18

this will smoothen generated filtered file from the raw data (after restarting the program). Default is 6, I use 18 on my Raspi, you can experiment with different values using the 'sidfile.py' script as such:

sidfile.py --bema_wing 18 -f /input/file.csv

this will create a /input/file.filtered.csv calculated with 'bema wing factor' set at 18. Originally intended to filter a raw file, you can nevertheless filter an already filtered file (a warning is given) for extra smoothing.

Eric

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Ciprian Sufitchi
Sent: Saturday, March 29, 2014 12:31 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] My first results using Wolfson audio card

I am happy to report that the Wolfson audio card designed specifically for Raspberry Pi is doing a great job at 96 kHz sampling rate.
I attached a diagram after monitoring NAA today. Signal montoring and the png graph were generated with VLF Tools. The input is a little noisy, I have to see why is that, but the SID event(s) that occurred today is cleary visible.
I don't know if I can attach a file, so I uploaded the png picture here: http://www.sidruino.com/03282014NAA.png

Chip

1301. RE: RE: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-29 13:54:12 UTC
From: Eric Gibert
Topic: 1277 Message: 1301

Hi Chit,

Can you grab the latest version of 'config.py' from the GIT repository? I have added up a line forcing the creations of 'stations' and 'frequencies'.

I was then able to save filtered and raw files for one or many (tried with 2 stations), using the same parameters as your .cfg, using the 'R' and 'F' choices on the text menu. Note: 'C' will list all parameters entries and you will see now 'stations' present.

Please let me know if this solved your issue.

Eric

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Ciprian Sufitchi
Sent: Saturday, March 29, 2014 12:18 PM
To: Super_SID@yahoogroups.com
Subject: RE: RE: [Super_SID] Re: Fw: USB Sound Card

This my cfg file. I checked parameters during runtime and everything was right.

[PARAMETERS]

viewer = text

site_name = N2YO

longitude = -77.47

latitude = 38.89

utc_offset = -04:00

time_zone = EST

monitor_id = N2YO

audio_sampling_rate = 96000

log_interval = 5

log_format=sid_format

log_type = filtered

scaling_factor = 1.0

hourly_save = YES

```
data_path = /home/pi/supersid/data

automatic_upload = no

ftp_server = sid-ftp.stanford.edu

ftp_directory = /incoming/SuperSID/NEW/

number_of_stations = 1

[STATION_1]

call_sign = NAA

color = y

frequency = 24000

[Capture]

Audio=alsaaudio

#Card=External

#Card=Dongle

Card=sndrpiwsp

PeriodSize = 128

Chip
```

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of ericgibert@...
Sent: Saturday, March 29, 2014 12:03 AM
To: Super_SID@yahoogroups.com
Subject: Re: RE: [Super_SID] Re: Fw: USB Sound Card

Sorry i was looking at the wrong place as the end of the log indicate another issue. This looks like the stations are not recognized properly. Can you copy pate your cfg file? On the menu, there is an option to see the psrameters. Can you check that the entry stations is there?
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From: Ciprian Sufitchi <ciprian@...>;
To: <Super_SID@yahoogroups.com>;
Subject: RE: [Super_SID] Re: Fw: USB Sound Card
Sent: Sat, Mar 29, 2014 3:45:00 AM

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Chip

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To: Super_SID@yahoogroups.com
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I had continous monitoring for about 3 hours. Then I recorded this long error:

***

Stations: [{'color': 'y', 'raw_buffer': array([0., 0., 0., ..., 0., 0., 0.]), 'frequency': '24000',
'call_sign': 'NAA'}]

2014-03-28 04:00:00.005996 [2880] Capturing data...
Exception i n thread Thread-571:

Traceback (most recent call last):

```
File
"/usr/lib/python2.7
/threading.py", line 552, in __bootstrap_inner

self.run()

File
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hon2.7/threading.py", line 760, in run

self.function(*self.args,
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File "/home/pi/supersid/supersid/sidtimer.py", line 45, in _ontimer

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self.save_current_buf
fers(filename=fileName, log_type='raw', log_format='supersid_extended')

File ". /supersid.py", line 171,
in save_current_buffers

fnames =
self.logger.log_sup
ersid_format(self.config.stations, filename, log_type=log_type,
extended=log_for
mat.endswith('extended'))

File "/home/pi/supersid/supersid/logger.py", line
70, in log_supersid_format

self.sid_file.write_data_supersid(my_filename,
log_ty pe, extended=extended,
bema_wing=self.config["bema_wing"])

File
"/home/pi/super
sid/supersid/sidfile.py", line 327, in write_data_supersid

hdr =
self.create_ header(isSuperSid =
True, log_type = log_type)

File
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hdr += "# Stations = %s\n" %
self.si d_params['stations']

KeyError: 'stations'
```

***

After that Supersid continued to report the signal level for I'd say 30 minutes. Suddently the signal dropped to 0.00 and all I got was this:

***

2014-03-28 04:39:45.013275 [3357] Capturing data... Fail to read data from audio using alsaaudio sound card capture on sysdefault:CARD=sndrpiwsp

***

At this point, Supersid won't restart. Not even VLF tools. The vtcard command is reporting this:

vtcard: soundcard read failed: Cannot allocate memory

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Sent: Wednesday, March 26, 2014 9:44 AM

To: Super_SID@yahoogroups.com
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> Chip
> Try changing the Supersid.cfg file to monitor just two stations (24k
> & 25.2k). I had the same problem trying to monitor 6 stations.
> John
>
> Home 540-586-8042
> Cell 540-871-0636
>
>
>
> Links:
> ------
> [1]
>

>
https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_y
lc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4M
jgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=repl
y
<https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_
ylc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4
MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=rep
ly&messageNum=1286> &messageNum=1286
> [2]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/conversations/newtopic;_ylc=X3
oDMTJmMnNxZWNqBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNg
RzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzOTU4NDEyNTA-
> [3]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1277;_ylc
=X3oDMTM1Nm4zdjVjBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4Mjg
wNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTM5NTg0MTI1MAR0cGNJZAMxMjc
3
> [4]
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>
https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmajY2cjNkBF9T
Azk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2
Z2hwBHN0aW1lAzEzOTU4NDEyNTA-
> [5]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/members/all;_ylc=X3oDMTJnNXVlO
Dk3BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsB
HNsawN2bWJycwRzdGltZQMxMzk1ODQxMjUw
> [6]
>
>
https://groups.yahoo.com/neo;_ylc=X3oDMTJlcG5kMzFmBF9TAzk3NDc2NTkwBGdycElkAz
M2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM5NTg0MT
I1MA--
> [7] https://info.yahoo.com/privacy/us/yahoo/groups/details.html
> [8] https://info.yahoo.com/legal/us/yahoo/utos/terms/

--
-steve

1302. Am I getting good SuperSid Data?

Yahoo group: Super_SID
Date: 2014-03-29 14:17:58 UTC
From: <mgibson@...>
Topic: 1302 Message: 1302

I finally think I have my station station id N4MQU going but not sure if my data is good. I see sunrise and sunset like the instructions say but would like somebody to look over my data and tell me if I am getting good data. How do you check that? What station should I compare it to? Thanks for any help. Mark Gibson

1303. Re: [Super_SID] Am I getting good SuperSid Data?

Yahoo group: Super_SID
Date: 2014-03-29 18:19:10 UTC
From: WILLIAM & MELINDA LORD
Topic: 1302 Message: 1303

Hi Mark,

You can compare your data by looking at the Stanford site for the same station ID you are monitoring http://sid.stanford.edu/database-browser/ An example of a really clean chart is NAA N2JUP 0213. Also look at NML KA6AKH. It shows a SID with a dip rather than a rise. This happens becasue of the location of the monitor to the VLF station.

Not all data displayed will be able to show SID events because of noise. NWC SARA_SS 0441 is no good for detecting SID's bacause of noise interference.

You are also welcome to send us your data files to take a look.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "mgibson@marlindadvantage.com" <mgibson@...>
To: Super_SID@yahoogroups.com
Sent: Saturday, March 29, 2014 9:17 AM
Subject: [Super_SID] Am I getting good SuperSid Data?

I finally think I have my station station id N4MQU going but not sure if my data is good. I see sunrise and sunset like the instructions say but would like somebody to look over my data and tell me if I am getting good data. How do you check that? What station should I compare it to? Thanks for any help. Mark Gibson

1304. RE: [Super_SID] My first results using Wolfson audio card

Yahoo group: Super_SID
Date: 2014-03-30 00:54:24 UTC
From: Ciprian Sufitchi
Topic: 1277 Message: 1304

I believe I wasn't clear - I succeeded to use the Wolfson card with "VLF Tools" but I still have issues with Supersid.

Chip

_____

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Eric Gibert
Sent: Saturday, March 29, 2014 9:30 AM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] My first results using Wolfson audio card

Congratulations Chip!

You can add in the .cfg's [PARAMETERS] section:

bema_wing=18

this will smoothen generated filtered file from the raw data (after restarting the program). Default is 6, I use 18 on my Raspi, you can experiment with different values using the 'sidfile.py' script as such:

sidfile.py --bema_wing 18 -f /input/file.csv

this will create a /input/file.filtered.csv calculated with 'bema wing factor' set at 18. Originally intended to filter a raw file, you can nevertheless filter an already filtered file (a warning is given) for extra smoothing.

Eric

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Ciprian Sufitchi
Sent: Saturday, March 29, 2014 12:31 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] My first results using Wolfson audio card

I am happy to report that the Wolfson audio card designed specifically for Raspberry Pi is doing a great job at 96 kHz sampling rate.
I attached a diagram after monitoring NAA today. Signal montoring and the png graph were generated with VLF Tools. The input is a little noisy, I have to see why is that, but the SID event(s) that occurred today is cleary visible.
I don't know if I can attach a file, so I uploaded the png picture here:
http://www.sidruino.com/03282014NAA.png

Chip

1305. RE: RE: [Super_SID] Re: Fw: USB Sound Card

Yahoo group: Super_SID
Date: 2014-03-30 01:15:32 UTC
From: Ciprian Sufitchi
Topic: 1277 Message: 1305

I replaced the config.py with the latest version from GIT, but nothing changed. After a few hours of running the error I get is:

2014-03-30 00:55:45.014034 [669] Capturing data... Fail to read data from audio using alsaaudio sound card capture on sysdefault:CARD=sndrpiwsp

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Eric Gibert
Sent: Saturday, March 29, 2014 9:54 AM
To: Super_SID@yahoogroups.com
Subject: RE: RE: [Super_SID] Re: Fw: USB Sound Card

Hi Chit,

Can you grab the latest version of 'config.py' from the GIT repository? I have added up a line forcing the creations of 'stations' and 'frequencies'.

I was then able to save filtered and raw files for one or many (tried with 2 stations), using the same parameters as your .cfg, using the 'R' and 'F' choices on the text menu. Note: 'C' will list all parameters entries and you will see now 'stations' present.

Please let me know if this solved your issue.

Eric

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Ciprian Sufitchi
Sent: Saturday, March 29, 2014 12:18 PM
To: Super_SID@yahoogroups.com
Subject: RE: RE: [Super_SID] Re: Fw: USB Sound Card

This my cfg file. I checked parameters during runtime and everything was right.

[PARAMETERS]

viewer = text

site_name = N2YO

longitude = -77.47

latitude = 38.89

```
utc_offset = -04:00

time_zone = EST

monitor_id = N2YO

audio_sampling_rate = 96000

log_interval = 5

log_format=sid_format

log_type = filtered

scaling_factor = 1.0

hourly_save = YES

data_path = /home/pi/supersid/data

automatic_upload = no

ftp_server = sid-ftp.stanford.edu

ftp_directory = /incoming/SuperSID/NEW/

number_of_stations = 1

[STATION_1]

call_sign = NAA

color = y

frequency = 24000

[Capture]

Audio=alsaaudio

#Card=External

#Card=Dongle

Card=sndrpiwsp

PeriodSize = 128

Chip
```

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of ericgibert@...
Sent: Saturday, March 29, 2014 12:03 AM
To: Super_SID@yahoogroups.com
Subject: Re: RE: [Super_SID] Re: Fw: USB Sound Card

Sorry i was looking at the wrong place as the end of the log indicate another issue. This looks like the stations are not recognized properly. Can you copy pate your cfg file? On the menu, there is an option to see the psrameters. Can you check that the entry stations is there?
I am monotoring 3 stations on my rpi, so thete is no limit there .
Are you ssking for sid or supersid format?

From: Ciprian Sufitchi <ciprian@...>;
To: <Super_SID@yahoogroups.com>;
Subject: RE: [Super_SID] Re: Fw: USB Sound Card
Sent: Sat, Mar 29, 2014 3:45:00 AM

It stayed running the longest with only one station monitored, as opposed to 3, however when I checked "top" I saw nothing special regarding the memory, the R-Pi was running ok for any other application. However Supersid was not cooperative unless I restarted the system.

Chip

From: Super_SID@yahoogroups.com [mailto: Super_SID@yahoogroups.com] On Behalf Of Steve Berl
Sent: Friday, March 28, 2014 11:49 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: Fw: USB Sound Card

If the time it takes to run out of memory doubles for is half for 2 stations and 1/3 for 3 stations, it's probably the SuperSID process running out out memory for its internal buffers.

If the time stay stays the same no matter how many stations, it's probably ALSA or the device driver, since those have no notion of how many stations are being monitored.

Perhaps the RPi just doesn't have enough memory?

Can you run some command like ps or top and sort my the memory used, or vm_stat to show how much memory is being used. Doing this periodically before the failure will probably show the memory slowly going away, until it crashes.

-steve

On Thu, Mar 27, 2014 at 9:50 PM, Ciprian Sufitchi <ciprian@...> wrote:

I performed many combinations, with Wolfson audio card and USB audio dongle, but I still have errors from Supersid.

The most stable at 96 kHz sampling was Raspberry Pi with Wolfson card running Supersid monitoring only one VLF station (NAA).

I had continous monitoring for about 3 hours. Then I recorded this long
error:

***

Stations: [{'color': 'y', 'raw_buffer': array([0., 0., 0., ..., 0., 0.,
0.]), 'frequency': '24000',
'call_sign': 'NAA'}]

2014-03-28 04:00:00.005996 [2880] Capturing data...
Exception i n thread Thread-571:

Traceback (most recent call last):

File
"/usr/lib/python2.7
/threading.py", line 552, in __bootstrap_inner

self.run()

File
"/usr/lib/pyt
hon2.7/threading.py", line 760, in run

self.function(*self.args,
**self.kwarg s)

File "/home/pi/supersid/supersid/sidtimer.py", line 45, in _ontimer

self. callback()

File "./supersid.py", line 144, in on_timer

self.save_current_buf
fers(filename=fileName, log_type='raw', log_format='supersid_extended')

File ". /supersid.py", line 171,
in save_current_buffers

fnames =
self.logger.log_sup
ersid_format(self.config.stations, filename, log_type=log_type,
extended=log_for
mat.endswith('extended'))

File "/home/pi/supersid/supersid/logger.py", line
70, in log_supersid_format

self.sid_file.write_data_supersid(my_filename,
log_ty pe, extended=extended,
bema_wing=self.config["bema_wing"])

File
"/home/pi/super
sid/supersid/sidfile.py", line 327, in write_data_supersid

```
hdr =
self.create_ header(isSuperSid =
True, log_type = log_type)

File
"/home/pi/supersid/supersid
/sidfile.py", line 291, in create_header

hdr += "# Stations = %s\n" %
self.si d_params['stations']

KeyError: 'stations'
```

***

After that Supersid continued to report the signal level for I'd say 30 minutes. Suddently the signal dropped to 0.00 and all I got was this:

***

```
2014-03-28 04:39:45.013275 [3357] Capturing data... Fail to
read data from audio using alsaaudio sound card capture on
sysdefault:CARD=sndrpiwsp
```

***

At this point, Supersid won't restart. Not even VLF tools. The vtcard command is reporting this:

```
vtcard: soundcard read failed: Cannot allocate memory
```

So I guess a memory leak or something in Supersid made the sound card be unusable. To get back to normal I will need to restart Raspberry Pi.

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of Ciprian Sufitchi
Sent: Wednesday, March 26, 2014 9:44 AM

To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: Fw: USB Sound Card

I had 3 stations to monitor in my cfg file, but I will reduce them to 1

or 2 to see the difference.
Thanks for the tip.

Chip

On 2014-03-26 09:40, John Cowlbeck wrote:
>
> Chip
> Try changing the Supersid.cfg file to monitor just two stations (24k

> & 25.2k). I had the same problem trying to monitor 6 stations.
> John
>
> Home 540-586-8042
> Cell 540-871-0636
>
>
>
> Links:
> ------
> [1]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_y
lc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4M
jgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=repl
y
<https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1286;_
ylc=X3oDMTJxZTY1NWw2BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4
MjgwNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NTg0MTI1MA--?act=rep
ly&messageNum=1286> &messageNum=1286
> [2]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/conversations/newtopic;_ylc=X3
oDMTJmMnNxZWNqBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNg
RzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzOTU4NDEyNTA-
> [3]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1277;_ylc
=X3oDMTM1Nm4zdjVjBF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4Mjg
wNgRtc2dJZAMxMjg2BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTM5NTg0MTI1MAR0cGNJZAMxMjc
3
> [4]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmajY2cjNkBF9T
Azk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2
Z2hwBHN0aW1lAzEzOTU4NDEyNTA-
> [5]
>
>
https://groups.yahoo.com/neo/groups/Super_SID/members/all;_ylc=X3oDMTJnNXVlO
Dk3BF9TAzk3MzU5NzE0BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsB
HNsawN2bWJycwRzdGltZQMxMzk1ODQxMjUw
> [6]
>
>
https://groups.yahoo.com/neo;_ylc=X3oDMTJlcG5kMzFmBF9TAzk3NDc2NTkwBGdycElkAz

M2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM5NTg0MT
I1MA--
> [7] https://info.yahoo.com/privacy/us/yahoo/groups/details.html
> [8] https://info.yahoo.com/legal/us/yahoo/utos/terms/

--
-steve

1306. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2014-03-30 13:57:44 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1306

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /X-class Solar Flare Mar. 29.jpg
Uploaded by : jtegerdine <jtegerdine@...>
Description : X 1.1 captured from Meadowcreek Park Observatory (MPO), Marysville, WA
(Transmitter: NPM)

You can access this file at the URL:
https://groups.yahoo.com/group/Super_SID/files/X-class%20Solar%20Flare%20Mar.%2029.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

jtegerdine <jtegerdine@...>

1307. Laptop and desktop

Yahoo group: Super_SID
Date: 2014-03-30 14:05:15 UTC
From: <robertweisbloom@...>
Topic: 1307 Message: 1307

Hi,
They do not recommend using a laptop with receiver because of the interference the power supply might cause.
So how far should the desktop and laptop be separated if necessary.
Living in a 1 room apt. I don't have any room to setup another computer station.
Regards,
Robert Weisbloom

1308. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2014-03-30 14:05:46 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1308

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /NPM MAR 29.jpg
Uploaded by : jtegerdine <jtegerdine@...>
Description : X 1.1 captured via SSID from NPM at Meadowcreek Park Observatory (MPO),
Marysville, WA

You can access this file at the URL:
https://groups.yahoo.com/group/Super_SID/files/NPM%20MAR%2029.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

jtegerdine <jtegerdine@...>

1309. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2014-03-30 14:08:15 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1309

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /MPO/NPM MAR 29.jpg
Uploaded by : jtegerdine <jtegerdine@...>
Description : X 1.1 captured from NPM via SSID at Meadowcreek Park Observatory (MPO),
Marysville, WA

You can access this file at the URL:
https://groups.yahoo.com/group/Super_SID/files/MPO/NPM%20MAR%2029.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

jtegerdine <jtegerdine@...>

1310. Re: [Super_SID] Laptop and desktop

Yahoo group: Super_SID
Date: 2014-03-30 14:12:14 UTC
From: Tulio
Topic: 1307 Message: 1310

Hi Robert,

I've been operating a SuperSID station plugged in my desktop computer for over an year with my laptop (receiving data from Radio Jove Receiver) at about 16in/40cm from the SuperSID receiver, without any excessive noise.

I hope this was helpful,

Best regards

Tulio Baars
ALEXA Labs
+55 (48) 9161-5952

2014-03-30 11:05 GMT-03:00 <robertweisbloom@gmail.com>:

>
>
> Hi,
> They do not recommend using a laptop with receiver because of the
> interference the power supply might cause.
> So how far should the desktop and laptop be separated if necessary.
> Living in a 1 room apt. I don't have any room to setup another computer
> station.
> Regards,
> Robert Weisbloom
>
>

1311. Re: [Super_SID] Laptop and desktop

Yahoo group: Super_SID
Date: 2014-03-30 14:15:51 UTC
From: Robert Weisbloom
Topic: 1307 Message: 1311

Hi Tulio,
Thanks. Are they both plugged into the same circuit/ power bar?
Regards,
Robert

On Sun, Mar 30, 2014 at 10:12 AM, Tulio <tuliobaars@gmail.com> wrote:

>
>
> Hi Robert,
>
>
> I've been operating a SuperSID station plugged in my desktop computer for
> over an year with my laptop (receiving data from Radio Jove Receiver) at
> about 16in/40cm from the SuperSID receiver, without any excessive noise.
>
> I hope this was helpful,
>
> Best regards
>
> *Tulio Baars*
> *ALEXA Labs*
> *+55 (48) 9161-5952 <%2B55%20%2848%29%209161-5952>*
>
>
>
> 2014-03-30 11:05 GMT-03:00 <robertweisbloom@gmail.com>:
>
>
>>
>> Hi,
>> They do not recommend using a laptop with receiver because of the
>> interference the power supply might cause.
>> So how far should the desktop and laptop be separated if necessary.
>> Living in a 1 room apt. I don't have any room to setup another computer
>> station.
>> Regards,
>> Robert Weisbloom
>>
>
>
>

1312. Re: [Super_SID] Laptop and desktop

Yahoo group: Super_SID
Date: 2014-03-30 14:42:28 UTC
From: Tulio
Topic: 1307 Message: 1312

The desktop and the SuperSID are connected to a UPS system. The laptop is plugged to another power outlet. I can't detect excessive noise neither from the UPS nor the laptop power supply, using a EM noise detector.

My main noise issues come from those tubular fluorescent lamps, that produce a lot of RF noise from VLF through HF freqs. I have two of those in my kitchen, when they're on, both the SID and the Jove remain useless. And the lamp is at least 10m/30ft from the antennas and receivers.

IMHO, you have to pay more attention to the antenna position. If it's indoors, it can be a real challenge to find a nice spot with nice reception and low noise.

Good luck

Tulio Baars
ALEXA Labs
+55 (48) 9161-5952

2014-03-30 11:15 GMT-03:00 Robert Weisbloom <robertweisbloom@...>:

>
>
> Hi Tulio,
> Thanks. Are they both plugged into the same circuit/ power bar?
> Regards,
> Robert
>
>
> On Sun, Mar 30, 2014 at 10:12 AM, Tulio <tuliobaars@...> wrote:
>
>>
>>
>> Hi Robert,
>>
>>
>> I've been operating a SuperSID station plugged in my desktop computer for
>> over an year with my laptop (receiving data from Radio Jove Receiver) at
>> about 16in/40cm from the SuperSID receiver, without any excessive noise.
>>
>> I hope this was helpful,
>>
>> Best regards
>>
>> *Tulio Baars*
>> *ALEXA Labs*

>> *+55 (48) 9161-5952 <%2B55%20%2848%29%209161-5952>*
>>
>>
>>
>> 2014-03-30 11:05 GMT-03:00 <robertweisbloom@...>:
>>
>>
>>>
>>> Hi,
>>> They do not recommend using a laptop with receiver because of the
>>> interference the power supply might cause.
>>> So how far should the desktop and laptop be separated if necessary.
>>> Living in a 1 room apt. I don't have any room to setup another computer
>>> station.
>>> Regards,
>>> Robert Weisbloom
>>>
>>
>>
>
>

1313. The X1.0 event on 03/29/2014

Yahoo group: Super_SID
Date: 2014-03-30 16:13:20 UTC
From: Ciprian Sufitchi
Topic: 1277 Message: 1313

The X1.0 flare of yesterday at 1748 UTC was recorded by many SID monitors. I was amazed how fast (pretty much instantaneously) the ionisphere has responded to the flare. On the same diagram I plotted the SuperSID values and the GOES-14 Solar X-ray Flux:

http://www.sidruino.com/03292014-x1-naa.png
http://www.sidruino.com/03292014-x1-nlk.png
http://www.sidruino.com/03292014-x1-npm.png

Chip

1314. RE: [Super_SID] My first results using Wolfson audio card

Yahoo group: Super_SID
Date: 2014-04-06 01:05:34 UTC
From: <24launch@...>
Topic: 1277 Message: 1314

Can I asked what method you guys used to install your Wolfson card? Did you use their proprietary pre-built OS or did you download and compile/configure the kernel from source?

I have too much time invested in my current raspbian OS to chuck it aside and use a back-dated proprietary one. Someone had posted a pre-built boot image (along with the necessary libs) but that just gives me a ton of stack traces in dmesg. Others have posted compiling the kernel yourself and the tweaking to get things working can be a long road of frustration itself.

I'm so disappointed this product wasn't ready for prime-time yet. They keep promising they "hope" to have the drivers installable via the official raspbian channels with a simple apt-get but it's just been crickets since that promise.

How goes your testing Chip? Did you figure out what the noise was? Was it related to the raspberrypi or the new audio card? Are you still having issues with the card being unrecognized after a few hours?

Wayne

1315. RE: [Super_SID] My first results using Wolfson audio card

Yahoo group: Super_SID
Date: 2014-04-06 01:17:14 UTC
From: Ciprian Sufitchi
Topic: 1277 Message: 1315

Hi Wayne,

The Wolfson card works fine with VLF Tools but not yet with Supersid. Eric tries to figure out what the problem could be and has access to my R-Pi/Wolfson system to test software patches. The issue is not resolved yet. Once the tests are over I will start doing long duration tests and optimize the noise level.
I recompiled the kernel to have Wolfson card working. I know is not ideal and I hope the manufacturer will resolve this issue. After recompilation the sytem does not recognize the USB dongle anymore, only he Wolfson card. For that reason I have now 2 SD cards with 2 Rasbian distributions, one works with Wolfson, the other with USB dongle ☺
I didn't want to use the image distributed on the web site because my undestanding is that a graphical interface is required by default. My R-Pi does not have a monitor connected and I use only ssh/text for connection.

Chip

_____
From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com] On Behalf Of 24launch@...
Sent: Saturday, April 05, 2014 9:06 PM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] My first results using Wolfson audio card

Can I asked what method you guys used to install your Wolfson card? Did you use their proprietary pre-built OS or did you download and compile/configure the kernel from source?

I have too much time invested in my current raspbian OS to chuck it aside and use a back-dated proprietary one. Someone had posted a pre-built boot image (along with the necessary libs) but that just gives me a ton of stack traces in dmesg. Others have posted compiling the kernel yourself and the tweaking to get things working can be a long road of frustration itself.

I'm so disappointed this product wasn't ready for prime-time yet. They keep promising they "hope" to have the drivers installable via the official raspbian channels with a simple apt-get but it's just been crickets since that promise.

How goes your testing Chip? Did you figure out what the noise was? Was it related to the raspberrypi or the new audio card? Are you still having issues with the card being unrecognized after a few hours?

Wayne

1316. Fw: News

Yahoo group: Super_SID
Date: 2014-04-11 02:55:32 UTC
From: jgavellone@aol.com
Topic: 1316 Message: 1316

Hello! News: http://unioncristiana.cl/vh/wnews.php

jgavellone@aol.com

1317. Fw: News

Yahoo group: Super_SID
Date: 2014-04-16 03:44:03 UTC
From: jgavellone@aol.com
Topic: 1316 Message: 1317

Hi!

News: http://ataturkimzalisaat.com/dyb/news.php

jgavellone@...

1318. SuperSID V3 connector

Yahoo group: Super_SID
Date: 2014-04-19 01:40:48 UTC
From: Ciprian Sufitchi
Topic: 1277 Message: 1318

Hello,

I have a SuperSID v3 preamplifier but it has no wires, no connectors. Does anyone know how to connect power, antenna and signal output? I thought the connections are unchanged from v2 but I am afraid that is not the case, as once powered the circuit takes more than 100 mA and does not amplify at all. A circuit diagram would help too.

Thanks,

Chip

1319. Annual Conference Abstracts

Yahoo group: Super_SID
Date: 2014-04-19 15:18:53 UTC
From: WILLIAM & MELINDA LORD
Topic: 1319 Message: 1319

Hi Folks,

The SARA Conference and the Radio JOVE Conference Abstracts are posted at Society of Amateur Radio Astronomers

Society of Amateur Radio Astronomers
The following papers will be presented at the annual conference at NRAO in Green Bank, WV. Check back for late additions. An Overview of the Radi...
View on www.radio-astronom... Preview by Yahoo

Additional information about both conference is at Meetings | Society of Amateur Radio Astronomers

Meetings | Society of Amateur Radio Astronomers
2014 SARA Annual Meeting and Radio Jove Conference Scheduled for 29 June- 4 July, 2014, at NRAO Green Bank WV. 2014 Registration Fees and Lodging 2014 Registration Form 2014 Keynote Speaker Announced
View on www.radio-astronomy.org Preview by Yahoo

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1320. Re: [Super_SID] Annual Conference Abstracts

Yahoo group: Super_SID
Date: 2014-04-20 05:57:50 UTC
From: Divyadarshan Purohit
Topic: 1319 Message: 1320

Thanks a lot for the link of abstracts as it will be very much useful for
many observers who unfortunately could not attend the event like me.

best regards,
DDPurohit
http://www.flickr.com/photos/gurudevobservatory/sets/

On Sat, Apr 19, 2014 at 8:48 PM, WILLIAM & MELINDA LORD <
ap_guardian@yahoo.com> wrote:

>
>
> Hi Folks,
>
> The SARA Conference and the Radio JOVE Conference Abstracts are posted at Society
> of Amateur Radio Astronomers <http://www.radio-astronomy.org/>
>
> [image: image] <http://www.radio-astronomy.org/>
> Society of Amateur Radio Astronomers <http://www.radio-astronomy.org/>
> The following papers will be presented at the annual conference at NRAO in
> Green Bank, WV. Check back for late additions. An Overview of the Radi...
> View on www.radio-astronom... <http://www.radio-astronomy.org/>
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>
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> Amateur Radio Astronomers <http://www.radio-astronomy.org/meetings>
> Meetings | Society of Amateur Radio Astronomers<http://www.radio-astronomy.org/meetings>
> 2014 SARA Annual Meeting and Radio Jove Conference Scheduled for 29 June-
> 4 July, 2014, at NRAO Green Bank WV. 2014 Registration Fees and Lodging
> 2014 Registration Form 2014 Keynote Speaker Announced
> View on www.radio-astronomy.org<http://www.radio-astronomy.org/meetings>
> Preview by Yahoo
>
>
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnskynet.com/>
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
>
>

--
Divyadarshan D.Purohit

Gurudev Observatory,
Vadodara
India

1321. 2014 USA Science & Engineering Festival

Yahoo group: Super_SID
Date: 2014-04-24 18:52:46 UTC
From: WILLIAM & MELINDA LORD
Topic: 1321 Message: 1321

SARA will have a
display at the 2014 USA Science & Engineering Festival. This is the largest
and only national Science & Engineering Festival, with the goal to
re-invigorate the interest of our nation's youth in science, technology,
engineering and math (STEM) by presenting the most compelling, educational and
entertaining science festival in the United States.

The expo will be at WalterE.WashingtonConvention Center in Washington, DC
(www.dcconvention.com). There is a
sneak peak on Friday, April 25,
2014: Expo 9:00 AM to 3:00 PM and then the event opens to the public Saturday, April 26,
2014: 9:00 AM to 6:00 PM and Sunday, April 27,
2014: 9:00 AM to 6:00 PM.Our booth number is 2061.

Thanks to Chip Sufitchi, Stephen Tzikas,
Ken Redcap, Lee Alvis, Tom Crowley and Jim Thieman for volunteering to man the
booth. See more at: http://www.usasciencefestival.org/exhibitor

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them
speak. :-)

1322. SARA Conference and the Radio JOVE Conference

Yahoo group: Super_SID
Date: 2014-05-02 15:55:15 UTC
From: WILLIAM & MELINDA LORD
Topic: 1322 Message: 1322

Hi Folks,

The Annual SARA Conference and the Radio JOVE Conference is being held at the National Radio Astronomy Observatory in Green Bank, West Virginia June 29 to July 4. You can attend either or both conferences. Find details here 2014 Annual Conference Registration | Society of Amateur Radio Astronomers

Avoid a late registration penalty by registering by May 31, 2014.

If cancellation is received before the SARA conference, $125 will be refunded to member. Cancelling member will receive a Proceedings and membership
thru June 2015. A full refund will be issued for the JOVE Conference in event of cancellation.

2014 Annual Conference Registration | Society of Amateur Radio Astronomers
National Radio Astronomy Observatory, Green Bank WV SARA Conference 29 June - 2 July, 2014 Radio JOVE Conference July 2 - July 4, 2014 2014 Registration Fees and Lodging 2014 Registration Form
View on www.radio-astronomy.org Preview by Yahoo

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1323. Re: [Super_SID] SARA Conference and the Radio JOVE Conference

Yahoo group: Super_SID
Date: 2014-05-02 23:19:54 UTC
From: Robert Tucker
Topic: 1322 Message: 1323

On May 2, 2014, at 10:55 AM, WILLIAM & MELINDA LORD wrote:

> You can attend either or both conferences.

Just want to be sure I am up to date:
Have I paid for both conferences? If not, how much should I remit?
And do Marcia and I have a private room guaranteed for both?

Robert
K5TD

1324. Re: SuperSID Software Question

Yahoo group: Super_SID
Date: 2014-05-09 18:47:03 UTC
From: Deborah Scherrer
Topic: 1324 Message: 1324

Hi Ed,

A hundred apologies for not getting to this until now... It somehow got lost in my more-than-copious collection
of email.

At any rate, to my knowledge the UTC offset that you put in the configuration file does not get used anywhere,
by any software. At least that was the case with the original version. My understanding is that the code gets
the dates and times from the host computer. And these can frequently be off or completely wrong.

However, caveat: I did not write the original data collection code. I did write the code that ingests software
into our database. That code completely ignores the UT_Offset category, though does keep it in the database.
I believe Scott Winegarden did use it when he was including some code to graph the SID data in the
users timezone, but I am not even sure we ever got that implemented.

The people who wrote the original SID code in Python are long-gone. However, Jaap Akkerhuis has a committee
that has been updating the SuperSID code since then. He may be able to tell you what's going wrong
with your date.

Sorry to be so little help after so long. Jaap, can you answer this?

Thanks.
Debbie

On 6/21/13 8:40 PM, Ed Kane wrote:
> Deborah,
>
> Sorry to bother you again, but I have encountered an issue with the
> data being acquired and recorded by the subject program.
>
> Some time ago I inquired as to why when I entered a "UTC Offset" of
> "-7" (Irvine, Calif is in the same time zone as Stanford), the data
> in the first day's "csv" file showed a UTC offset of --7 however, day
> 2 and subsequent days had a UTC Offset of "17". Unfortunately the
> answers I received were did not make any sense. If the +17 hour
> offset were applied we would in my opinion be predicting the future --
> I don't think we are.
>
> Since then I have been attempting to understand how the +17 UTC offset

> could be real -- Stanford's reputation in the technical arena had me
> convinced I was obviously mis understanding something.
>
> Since the SID program is written using Python and I have never coded
> Python, I began to wonder if by some strange chance there was an error
> in the SuperSID program we are using. I ask a friend of mine to take
> a look at the Python source code available on the CD that was shipped
> to us. My friend found some commented out code that calculates the
> value written to the "csv" file. He also noted that the Python code
> (taking into account the commented out code he found) merely apes the
> UTC Offset in the config file back to the "csv" file which is
> what I expected to happen.
>
> We are using the "SuperSID.exe" program found on the CD. The curious
> thing I found on looking at the SuperSID.exe file as provided on the
> CD sent to us is that the date associated with that file is 2008
> whereas the date associated with the python files found in the "Code"
> directory on the CD have a 2011 date.
>
> Do you suppose the "exe" file is calculating the UTC Offset is still
> using the code that was commented out of the python code found in the
> files dated 2011? Could you maybe guide me to a more current
> "SuperSID.exe" file or maybe assure us that the "SuperSID.exe" with
> the 2008 date is correct?
>
> I apologize for being such a pain but I have been chasing this for
> several months. I taught Celestial Navigation for about 15 years and
> spent weeks applying UTC Offsets and just could not believe I had
> forgot that much.
>
> Thank you in advance for looking into the matter describe above and
> for any help you can provide.
>
> Ed Kane

1325. Re: [Super_SID] Measuring the quality of a SuperDID file

Yahoo group: Super_SID
Date: 2014-05-09 22:21:26 UTC
From: Deborah Scherrer
Topic: 1271 Message: 1325

Eric, I am trying to get back to this. Have reminded my programmer again that we need to know
where that code is. Will let you know when I find that out. Sorry this has taken so long.... ;-)

Debbie

On 3/15/14 5:58 PM, Eric Gibert wrote:
>
> Dear Debbie,
>
> Do not worry about the implementation: we [the SuperSID community] will do it. Once the algo is published, we can work it out.
>
> Eric
>
> *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *On Behalf Of *Deborah Scherrer
> *Sent:* Sunday, March 16, 2014 1:14 AM
> *To:* Steve Berl
> *Cc:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Re: Downloading data files?
>
> Yes, you've got it. My programmer, Scott Winegarden, did come up with a metric, which he had actually implemented in the data presentation code. It needed changes to the data ingestion code as well, which is on my plate.
>
> We would be very pleased to publish this algorithm and listen to any ensuing discussion. Then, we would be equally happy to implement it, or something similar or better, or at least reasonable.
>
> However, we have no funds. Scott was a friend that I brought in some years ago. I have no funds to bring him in again. (NASA is cutting funding for most of its education program.) I am barely able to keep up with the daily load, let alone do more. So, this issue languishes...sigh....
>
> Debbie
>
> On 3/15/14 9:52 AM, Steve Berl wrote:
>
> Hi Debbie,
>
> It's been a long time since I've looked at this at all, and just

> want to resync with what the issue is.
>
> When you say
>
> "I still think this is a serious issue, and I would be willing
> to either
> spend some time on it myself, or try to find funds to bring in
> Scott to make it work."
>
> I think you are referring to calculating a metric for the
> "quality" of the data received from SuperSID monitors. Then the
> "quality" metric would be available to consumers of the data when
> they access it from Stanford servers.
>
> Does that describe the issue?
>
> Then, I was thinking to extend that a bit to include that the
> algorithm for calculating "quality" should be well defined,
> documented, and a sample implementation should be available to the
> SID community.
>
> Does this capture the question?
>
> -steve
>
> On Thu, Mar 6, 2014 at 7:57 PM, Deborah Scherrer
> <dscherrer@...
> <mailto:dscherrer@...>> wrote:
>
> Hi Steve,
> My immense apologies for taking so long to get back to you.
> I did check with my original programmer, Scott Winegarden, and he
> pointed me to the place in the code that deals with quality.
> However, alas, I am so
> overwhelmed with stuff that I can't get to doing the recoding.
>
> Are you still interesting in working on/fixing this stuff? I believe
> the situation is that Scott's code is pretty much complete. And
> the holdup is that I need to change my data ingestion code to
> match. However, I am not sure of that and would need several
> hours to determine how this needs to be handled.
>
> I still think this is a serious issue, and I would be willing to
> either
> spend some time on it myself, or try to find funds to bring in
> Scott to make it work. The issue is -- how important is it to
> you?
>
> If it's very important, then I will put effort into it. If not,
> then please

> let me know. ;-)
>
> Others in the SuperSID yahoo groups, please let us know how you
> feel about this issue as well. With enough interest, I could probably
> get it done one way or 'tother.
>
> Thanks.
>
>
> Debbie
>
> On 4/22/13 11:54 AM, Steve Berl wrote:
>
> I could be as simple as sending out the code that calculates
> the data quality value?
>
> I'd hope to use that to create a tool to calculate that and
> similar data analysis on my local data files.
>
> If it works, I'd be happy to share with the rest of the list.
>
> -steve
>
> On Mon, Apr 22, 2013 at 11:32 AM, Deborah Scherrer
> <dscherrer@...
> <mailto:dscherrer@...>> wrote:
>
> Our programmer, Scott Winegarden, worked for quite some time on
> these algorithms. I will ask if he would write up something
> on them.
> However, given that our funding has been cut, there's not much
> chance
> of getting this system in place...
>
> Debbie
>
> On 4/17/13 6:08 PM, Steve Berl wrote:
>
> Knowing the time of sunrise or sunset is only part of the
> problem. Recognizing the shape of the signal strength
> curve and that it "looks like" a sunrise curve is the part
> I would like to see how it is done.
>
> Steve
>
> On Wednesday, April 17, 2013, Eric Gibert wrote:
>
> It is easy to import pyephem. Location shall use the
> coordinate of the data file, the date is also found on the
> header, then sunset and sunrise are provided by a simple

> method call.
>
> Download and tutorial on http://rhodesmill.org/pyephem/
>
> Best regards
>
> Eric
>
> --
>
> *De :*Steve Berl <steveberl@...
> <mailto:steveberl@...>>
> *? :* Deborah Scherrer <dscherrer@...
> <mailto:dscherrer@...>>
> *Cc :* "Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>"
> <Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>>;
> "supersid@...
> <mailto:supersid@...>"
> <supersid@...
> <mailto:supersid@...>>; Scott Winegarden
> <scottw@... <mailto:scottw@...>>
> *Envoy? le :* Mardi 16 avril 2013 9h54
> *Objet :* Re: [Super_SID] Downloading data files?
>
> I'd be interested in the nitty gritty of the algorithm for
> detecting the sunrise/sunset signatures.
>
> Perhaps it would be useful as a tool for end users to help
> them select which stations to monitor?
>
> I've already been thinking about a config file validator,
> and a data file validator would fit right in.
>
> I would also be able to help other sites to improve the
> quality of their data.
>
> -steve
>
> On Mon, Apr 15, 2013 at 5:10 PM, Deborah Scherrer
> <dscherrer@...
> <mailto:dscherrer@...>> wrote:
>
> Yes, our software adds the DataMin and DataMax fields to
> help us scale the plots.
>
> The dataquality things are a longer story. Once we started
> to receive a lot of
> SuperSID data files, we noticed that many of them showed

> either very noisy
> or just plain bad data. What we'd commonly see what a new
> site came is
> was files from monitoring 6 transmitter sites. Of those,
> 2 or 3 would
> show a good sunrise/set signature and the other 3-4 would
> be bad,
> i.e. not aligned with the signal, data. This was
> happening so often that
> we looked into ways to validate the quality of the data.
>
> My programmer, Scott Winegarden, played around with
> several algorithms to
> detect a valid sunrise/set signature and distinguish the
> reasonable data from
> the others than were essentially noise. He eventually
> found some that worked
> pretty well.
>
> The initial goal was to use this information
> to contact the various sites, letting them know that they
> were picking up very
> good signals from some transmitters, but noisy or bad ones
> from the others.
>
> The code for these algorithms actually works and has been
> tested. However, to make the
> feature useful, I still need to change the data
> processing software to include the new
> keywords and run the code on incoming data. I also need
> to set up a run-through of
> all our existing data to get it analyzed as well.
>
> I was essentially set to add those changes when we lost
> funding for Scott, and any other
> student helpers. At this point I realized that, even if
> we could determine quality data
> from noise, there was no one here to contact the various
> sites and work with them
> to improve their data. So I never got around to
> implementing the code.
>
> If you, i.e. the people in the SID community, think this
> would be valuable information
> to have, I could (eventually) get the code finished. It
> would be most useful if people
> were also willing to work with their colleagues to clean
> up the various data.
>
> Let me know what you think. Currently it's pretty low

> priority on my (almost endless)
> To-Do List. ;-)
>
> Debbie
>
>
>
> On 4/1/13 9:38 AM, Steve Berl wrote:
>
> Hi Everyone,
>
> If I download data files from
> sid.stanford.edu/database-browser
> <http://sid.stanford.edu/database-browser>, it
> contains a few fields that I don't understand.
>
> I'm going to guess that DataMin and DataMax are the
> max and min values of the data in this file, which
> might be useful for scaling plots, etc.
>
> What are dataquality_average_v0.1 and
> dataquality_max_v0.1?
>
>
> Thanks in advance,
>
> --
> -steve
>
>
>
> --
> -steve
>
>
>
> --
> -steve
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> -steve
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>

1326. Re: [Super_SID] Measuring the quality of a SuperDID file

Yahoo group: Super_SID
Date: 2014-05-10 00:17:14 UTC
From: Deborah Scherrer
Topic: 1271 Message: 1326

For those of you interested in the SID quality code that we would like to enable in the data browser,
here is the inspiration for the algorithm:

https://sites.google.com/site/siddataanalyzer/

The algorithm was developed by the folks at Liceo Scientifico-Tecnologico "Vallauri" in Fossano (Italy).

Thanks to our programmer, Scott Winegarden, the algorithm has already been coded into the SID databrowser software.
It has not, however, been implemented into my code in the SID data ingester (the code that picks up your ftp-ed files and incorporates them into the SID database).

If you wish me to have this code implemented, please let me know and I'll try to get to it!

Deborah Scherrer

1327. SID problem with wrong sunrise/sunset arrows

Yahoo group: Super_SID
Date: 2014-05-10 00:19:32 UTC
From: Deborah Scherrer
Topic: 1327 Message: 1327

The problem in the SID data browser that caused the sunrise and sunset arrows to be
wrong has been corrected, thanks to Scott Winegarden. We were not able to determine why
certain changes appeared in the data processing, but Scott was able to generate a work-around.
So, thanks Scott!

If anyone still sees problems with their sunrise/sunset indicators, please let us know.

Thanks.
Deborah

1328. Re: [Super_SID] SID problem with wrong sunrise/sunset arrows

Yahoo group: Super_SID
Date: 2014-05-10 17:40:32 UTC
From: Steve Berl
Topic: 1327 Message: 1328

Looks good. Thanks Deborah and Scott

Steve

On Friday, May 9, 2014, Deborah Scherrer
dscherrer@...[Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> The problem in the SID data browser that caused the sunrise and sunset
> arrows to be
> wrong has been corrected, thanks to Scott Winegarden. We were not
> able to determine why
> certain changes appeared in the data processing, but Scott was able to
> generate a work-around.
> So, thanks Scott!
>
> If anyone still sees problems with their sunrise/sunset indicators,
> please let us know.
>
> Thanks.
> Deborah
>
>

--
-steve

1329. RE: [Super_SID] Re: SuperSID Software Question

Yahoo group: Super_SID
Date: 2014-05-13 21:20:30 UTC
From: Ed Kane
Topic: 1324 Message: 1329

Please - if an when SID software changes are made let us know where the "update" along with its identification resides so we can take advantage of these improvements.

By the way what is the current Super SID software version. I found, downloaded, and a using version labeled 1.2. The 1.2 version seems to account for the UTC Offset correctly.

Thank you in advance,

Ed Kane

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Friday, May 9, 2014 11:47 AM
To: Ed Kane; 'Jaap Akkerhuis'
Cc: Scott Winegarden; Super_SID@yahoogroups.com; SuperSoft@...;
WILLIAM & MELINDA LORD
Subject: [Super_SID] Re: SuperSID Software Question

Hi Ed,

A hundred apologies for not getting to this until now... It somehow got lost in my more-than-copious collection
of email.

At any rate, to my knowledge the UTC offset that you put in the configuration file does not get used anywhere,
by any software. At least that was the case with the original version. My understanding is that the code gets
the dates and times from the host computer. And these can frequently be off or completely wrong.

However, caveat: I did not write the original data collection code. I did write the code that ingests software
into our database. That code completely ignores the UT_Offset category, though does keep it in the database.
I believe Scott Winegarden did use it when he was including some code to graph the SID data in the
users timezone, but I am not even sure we ever got that implemented.

The people who wrote the original SID code in Python are long-gone. However, Jaap Akkerhuis has a committee
that has been updating the SuperSID code since then. He may be able to tell you what's going wrong
with your date.

Sorry to be so little help after so long. Jaap, can you answer this?

Thanks.
Debbie

On 6/21/13 8:40 PM, Ed Kane wrote:

Deborah,

Sorry to bother you again, but I have encountered an issue with the data being acquired and recorded by the subject program.

Some time ago I inquired as to why when I entered a "UTC Offset" of "-7" (Irvine, Calif is in the same time zone as Stanford), the data in the first day's "csv" file showed a UTC offset of -7 however, day 2 and subsequent days had a UTC Offset of "17". Unfortunately the answers I received were did not make any sense. If the +17 hour offset were applied we would in my opinion be predicting the future - I don't think we are.

Since then I have been attempting to understand how the +17 UTC offset could be real - Stanford's reputation in the technical arena had me convinced I was obviously mis understanding something.

Since the SID program is written using Python and I have never coded Python, I began to wonder if by some strange chance there was an error in the SuperSID program we are using. I ask a friend of mine to take a look at the Python source code available on the CD that was shipped to us. My friend found some commented out code that calculates the value written to the "csv" file. He also noted that the Python code (taking into account the commented out code he found) merely apes the UTC Offset in the config file back to the "csv" file which is what I expected to happen.

We are using the "SuperSID.exe" program found on the CD. The curious thing I found on looking at the SuperSID.exe file as provided on the CD sent to us is that the date associated with that file is 2008 whereas the date associated with the python files found in the "Code" directory on the CD have a 2011 date.

Do you suppose the "exe" file is calculating the UTC Offset is still using the code that was commented out of the python code found in the files dated 2011? Could you maybe guide me to a more current "SuperSID.exe" file or maybe assure us that the "SuperSID.exe" with the 2008 date is correct?

I apologize for being such a pain but I have been chasing this for several months. I taught Celestial Navigation for about 15 years and spent weeks applying UTC Offsets and just could not believe I had forgot that much.

Thank you in advance for looking into the matter describe above and for any help you can provide.

Ed Kane

1330. Dayton Hamvention

Yahoo group: Super_SID
Date: 2014-05-14 18:40:04 UTC
From: WILLIAM & MELINDA LORD
Topic: 1330 Message: 1330

SARA and Radio JOVE will be in booth BA0421 in the Ball Arena (same building as ARRL). Be sure to stop by and say "hello". You can
join or renew membership. We will have SuperSID and Radio JOVE units available for sale.
The event is open Friday morning and ends Sunday 1:00pm

Hara Arena
1001 Shiloh Springs Rd, Dayton, Ohio 45415

Hara Arena
Our history...
View on www.facebook.com Preview by Yahoo

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1331. SuperSID "LSAMA-Tunisia"

Yahoo group: Super_SID
Date: 2014-05-20 21:57:25 UTC
From: ahmed.phy10@...
Topic: 1331 Message: 1331

Hello dear friends,

I finally managed to successfully install my new SuperSID receiver (LSAMA-Tunisia) and you will find the photo album of this installation on the link below:

https://groups.yahoo.com/neo/groups/Super_SID/photos/albums/796531736
https://groups.yahoo.com/neo/groups/Super_SID/photos/albums/796531736

LSAMA-Tunisia is a SuperSID Radio VLF receiver (3-30 KHz) graciously donated by Society of Amateur Radio Astronomers (SARA) (1) and Stanford Solar Center (2) and it’s a part of the United Nation's International Space Weather Initiative (ISWI) (3). These receivers, tuned in the VLF range (3-30 KHz), allow the detection of Sudden Ionospheric Disturbances (SID), which affect the VLF radio waves propagation in the earth-ionosphere waveguide and caused by solar flares.
We compare SIDs events which are present in our records (records from SuperSID receivers) with those made directly by the GOES satellite to show similarity and complementarities of these two techniques for the measurement of solar flares

(1) - Society of Amateur Radio Astronomers (SARA)
http://www.radio-astronomy.org/
(2) - Stanford Solar Center
http://solar-center.stanford.edu/SID/
(3) - International Space Weather Initiative (ISWI)
http://www.iswi-secretariat.org/ http://www.iswi-secretariat.org/

Best regards,
Ahmed Ammar

** Laboratoire de Spectroscopie Atomique, Moléculaire et Applications (LSAMA)
Faculté des Sciences de Tunis – Université Tunis El Manar **
** Astronomical Society of Tunisia (SAT) **

1332. Re: [Super_SID] SuperSID "LSAMA-Tunisia"

Yahoo group: Super_SID
Date: 2014-05-22 15:24:50 UTC
From: WILLIAM & MELINDA LORD
Topic: 1331 Message: 1332

Hello,
Good to see you are up and running.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "ahmed.phy10@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, May 20, 2014 4:57 PM
Subject: [Super_SID] SuperSID "LSAMA-Tunisia"

Hello dear friends,

I finally managed to successfully install my new SuperSID receiver (LSAMA-Tunisia) and you will find the photo album of this installation on the link below:

https://groups.yahoo.com/neo/groups/Super_SID/photos/albums/796531736

LSAMA-Tunisia is a SuperSID Radio VLF receiver (3-30 KHz) graciously donated by Society of Amateur Radio Astronomers (SARA) (1) and Stanford Solar Center (2) and it’s a part of the United Nation's International Space Weather Initiative (ISWI) (3). These receivers, tuned in the VLF range (3-30 KHz), allow the detection of Sudden Ionospheric Disturbances (SID), which affect the VLF radio waves propagation in the earth-ionosphere waveguide and caused by solar flares.
We compare SIDs events which are present in our records (records from SuperSID receivers) with those made directly by the GOES satellite to show similarity and complementarities of these two techniques for the measurement of solar flares

(1) - Society of Amateur Radio Astronomers (SARA)
 http://www.radio-astronomy.org/
(2) - Stanford Solar Center
http://solar-center.stanford.edu/SID/
(3) - International Space Weather Initiative (ISWI)
 http://www.iswi-secretariat.org/

Best regards,
Ahmed Ammar

** Laboratoire de Spectroscopie Atomique, Moléculaire et Applications (LSAMA)
Faculté des Sciences de Tunis – Université Tunis El Manar **
** Astronomical Society of Tunisia (SAT) **

1333. Re: [Super_SID] SuperSID "LSAMA-Tunisia"

Yahoo group: Super_SID
Date: 2014-05-26 19:00:40 UTC
From: ahmed.phy10@...
Topic: 1331 Message: 1333

Hello,

Thank you very much!

Ahmed Ammar

** Laboratoire de Spectroscopie Atomique, Moléculaire et Applications (LSAMA)
Faculté des Sciences de Tunis – Université Tunis El Manar **
** Astronomical Society of Tunisia (SAT) **

1334. SARA and Radio JOVE Conference

Yahoo group: Super_SID
Date: 2014-05-27 19:39:09 UTC
From: WILLIAM & MELINDA LORD
Topic: 1334 Message: 1334

We are still accepting registration for the SARA and Radio JOVE conferences. If you are planning to attend, please be sure to send your registration form and payment by May 31 to avoid a 15% late fee. We have nearly 80 people registered at this time. This is a large crowd for NRAO and the cafeteria needs to know how many people we will have for the meals.

We have two Nobel Laureate speaking at the SARA Conference, Joe Taylor and John Mather.

All rooms at NRAO are booked, but we have links on the meeting page with other lodging options in the area. Boyer has a nice campground with hot showers, electric, flush toilets, etc and they are just 5 miles North of NRAO.

2014 Annual Conference Registration | Society of Amateur Radio Astronomers

2014 Annual Conference Registration | Society of Amateur Radio Astronomers
National Radio Astronomy Observatory, Green Bank WV SARA Conference 29 June - 2 July, 2014 Radio JOVE Conference July 2 - July 4, 2014 2014 Registration Fees and Lodging 2014 Registration Form
View on www.radio-astronomy.org Preview by Yahoo

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1335. Re: [Super_SID] SARA and Radio JOVE Conference

Yahoo group: Super_SID
Date: 2014-05-27 22:24:56 UTC
From: Robert Tucker
Topic: 1334 Message: 1335

On May 27, 2014, at 2:39 PM, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] wrote:

> If you are planning to attend, please be sure to send your registration form and payment by May 31 to avoid a 15% late fee.

Thanks for the reminder, Melinda, as we ARE planning to attend. My check for $400 will be in the mail tomorrow, assuming there have been no changes to the plans that we agreed on a while back; ie, Marcia and I will have "...a double room upstairs with 2 single beds and private bathroom." "...it is the second floor that is attached to the cafeteria and over the apartments."

Please let me know asap if there have been ANY changes to that agreement. Thanks.

Robert
K5TD

1336. Re: About SID designing and distribution

Yahoo group: Super_SID
Date: 2014-05-29 15:20:04 UTC
From: WILLIAM & MELINDA LORD
Topic: 1336 Message: 1336

Hi Guys,

Can you help Kamran with ideas on how she can access data remotely? I know some of you have set up remote sites and would appreciate your help.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Kamran Mukhtar <kamran.mukhtar@...>
To: WILLIAM & MELINDA LORD <ap_guardian@yahoo.com>
Sent: Wednesday, May 28, 2014 5:29 PM
Subject: Re: About SID designing and distribution

Hello,
I have one query if you can kindly guide me please. I have installed SuperSID monitor far from my working place in order to find a noise free environment. Can I remotely access my SID (software) i.e. some modification in config file etc... If so what is the method?

regards,

Kamran Mukhtar
Asst. Manager
Space Weather Monitoring Division
SUPARCO, Karachi

On Sunday, June 9, 2013 8:40 PM, WILLIAM & MELINDA LORD <ap_guardian@...> wrote:

Another good site with space physics research papers
http://www.physics.otago.ac.nz/nx/space/space-physics-publications.html

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: Don Rice <rice@...>
To: Deborah Scherrer <dscherrer@...>
Cc: Kamran Mukhtar <kamran.mukhtar@...>; WILLIAM & MELINDA LORD <ap_guardian@...>; Steve Kristoff <skristof@etczone.com>

Sent: Friday, June 7, 2013 11:39 AM
Subject: Re: About SID designing and distribution

Debbie,
Here are some VLF references that may or may not be useful, if you can locate them.

Large solar flares and their ionospheric D region enhancements (2005)
Thomson, Rodger, and Clilverd, J. of Geophys. Research, V 110, A06306, doi:10.1029/2005JA011008
Talks about the X17 superflare from Nov 2003 and effects on VLF, the D region, and other things. These same authors in various combinations have done most of the recent VLF stuff that I'm aware of, other than the Stanford group, but mostly looking at lightning signatures rather than solar SIDs.

Analysing and classifying VLF transients (2006)
Schmitter, International J. of Signal Process., V 3 #4, p. 238
Talks about recognizing signatures in VLF signals, mostly short (a few seconds) lightning responses but might give some ideas of approaches for other VLF signature analysis.

Detection and classification of solar x-ray flares using VLF phase and amplitude information (1974)
Kossey and Lewis, Air Force Cambridge Research Laboratories technical report, AFCRL-TR-74-0468

Definitely old school but relevant to the Stanford SID type work. I only have a partial copy but it has a good introduction to the SID/VLF topic. I think the bulk of the report that I don't have here has to do with ancient FORTRAN models. If you can't chase down a copy of this one, I can try scanning what I have, which is about 20 pages.

Don

On Thu, Jun 6, 2013 at 11:32 AM, Deborah Scherrer <dscherrer@...ford.edu> wrote:

Thanks, Don. This is a useful starter.
>
>Debbie
>
>
>
>On 6/5/13 2:49 PM, Don Rice wrote:
>
>I think for the last few decades SIDs have been regarded as nuisances more than anything. Studies of phase changes (rather than amplitude that our plots show) have been used to infer D region changes. There were some older studies in the 1960s and early 70s that tried to connect SID amplitudes to solar flare characteristics before satellites were available to measure the flare behavior. (No, I'm not that old, I've just done literature searches...)
>>
Davies' "Ionospheric Radio" text has a section on VLF propagation and a brief description of SIDs and related terms. There are several editions of this text from the 1960s to 1990 or so, worth digging up for general background. The wikipedia article for SIDs is basically a summary of Davies' discussion (which it cites).

>>
I'll dig up my VLF file and see if there is anything useful there, but I think it is mostly talking about D-region behavior and ionospheric waveguides.
>>
>>
>>
>>
>>Don
>>
>>
>>
>>On Wed, Jun 5, 2013 at 10:51 AM, Deborah Scherrer <dscherrer@...> wrote:
>>
>>Thanks, Don. I think this community is primarily concerned with the SIDs. Could
>>>you recommend any particular review article that one might
use to get up to
>>>speed on the field?
>>>
>>>And thanks much for taking the time to respond to this!
>>>
>>>Debbie
>>>
>>>
>>>
>>>On 6/5/13 8:50 AM, Don Rice wrote:
>>>
>>>Deborah,
>>>>
You have our main publications on the subject in your list. Most of the academic publications on VLF signal reception are quite old, with quite a few in the 1960s and into the 1970s, when papers became scarce. Most of the more recent work in the more theoretical realms has been done there at Stanford.
>>>>
A lot depends on what your research goals are. If you are developing algorithms to detect daytime SIDs that should be reasonably straightforward with some statistics and curve fitting. If you are trying to understand variations other than SIDs, that gets in to a lot of complications involving the D region of the ionosphere and propagation in an imperfect waveguide, and that's what a lot of the academic papers in the last 50 years or so have dealt with.
>>>>
>>>>Don
>>>>
>>>>
>>>>
>>>>
>>>>On Tue, Jun 4, 2013 at 5:16 PM, Deborah Scherrer <dscherrer@...> wrote:
>>>>
>>>>Unfortunately we do not have a current bibliography. There is an old one on our website:
>>>>>http://solar-center.stanford.edu/SID/publications/

>>>>>
>>>>>My colleague Don Rice may know of a
few more, since he has personally
published some.
>>>>>Don, any suggestions for Kamran?
>>>>>
>>>>>Hope this helps!
>>>>>
>>>>>Deborah
>>>>>
>>>>>
>>>>>On 6/1/13 3:23 AM, Kamran Mukhtar wrote:
>>>>>
>>>>>Dear,
>>>>>>   I am always thankful of you for such such kind help to us. You should put me in loop of mentioned people that is good. About the project I will let you know progress with time. Students would let know to use and share Stanford and SARA, SID database.
>>>>>>I am planning to publish some results and algorithms of SID data processing but I have not found any base material particularly Scholastic articles, can you please guide me or send me some papers which helps me in writing me a research paper.
>>>>>>
>>>>>>regards,
>>>>>>
>>>>>>
>>>>>>
>>>>>>Kamran Mukhtar
>>>>>>Asst. Manager
>>>>>>Space Weather Monitoring Division
>>>>>>SUPARCO, Karachi
>>>>>>
>>>>>>
>>>>>>
>>>>>>_____
>>>>>> From: Deborah Scherrer <dscherrer@...>
>>>>>>To: Kamran Mukhtar <kamran.mukhtar@...>
>>>>>>Cc: WILLIAM & MELINDA LORD <ap_guardian@yahoo.com>
>>>>>>Sent: Friday, May 31, 2013 5:32 AM
>>>>>>Subject: Re: About SID designing and distribution
>>>>>>
>>>>>>
>>>>>>
>>>>>>We are very pleased to hear you are finding the SID monitors helpful for space education!
>>>>>>And we are pleased to
know that the Space
Agency of Pakistan
would like to provide
as
>>>>>>many as possible to
students in your

country. We
certainly have no
problem with your
>>>>>>manufacturing your
own. In fact, a
professor in Malaysia
has also manufactured
her
>>>>>>own for distribution
there. I can put you
in touch with her if
you'd like.
>>>>>>
>>>>>>You are welcome to use
all our educational
materials with your
own systems, assuming
>>>>>>they work
similarly. Your
students are also very
welcome to contribute
their data
>>>>>>to the SID centralized
database here at
Stanford. You might
want to acknowledge
>>>>>>the Stanford Solar
Center as the
developer of the
program, and the SARA
group
>>>>>>as producer and
distributor. The
UN's ISWI would be
good also.
>>>>>>
>>>>>>You might want to get
in touch with Bill
Lord, President of the
SARA group, and the
person
>>>>>>from whom you probably
got your SuperSID.
The SARA people
manufacture our SIDs,
and
>>>>>>perhaps might be able
to help you out.
>>>>>>
>>>>>>Please do let us know

about the progress of
your project. We look
forward to having your
>>>>>>students from Pakistan
in our SID community!
>>>>>>
>>>>>>Deborah
>>>>>>
>>>>>>
>>>>>>
>>>>>>On 5/27/13 12:40 PM, Kamran Mukhtar wrote:
>>>>>>
>>>>>>Dear Deborah,
>>>>>>>   I have analyzed the data of my SuperSID monitor and
successfully detected many solar flares. It is quite interesting task and very helpful for
space education and awareness purposes. Since I am from Space agency of Pakistan so I want
these instruments should be in reach of students of my country. Therefore planning to
manufacture/design this simple instrument and distribute at graduate level students, since
space education is not well known subject here in Pakistan.
>>>>>>>I think there should be no problem of copy rights if we design and distribute SID
monitors our own. Definitely, the acknowledgement would be to Stanford University and may
be ISWI also. What is the proper way will you please guide me.
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>regards,
>>>>>>>
>>>>>>>
>>>>>>>Kamran Mukhtar
>>>>>>>Asst. Manager
>>>>>>>Space Weather Monitoring Division
>>>>>>>SUPARCO, Karachi
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>_________________________________
>>>>>>> From: Deborah Scherrer <dscherrer@...>
>>>>>>>To: Kamran Mukhtar <kamran.mukhtar@...>
>>>>>>>Sent: Tuesday, April 23, 2013 1:05 AM
>>>>>>>Subject: Re: [Super_SID] Time delay in flare phenomenon of SID data
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>The timing on your SID data is taken from your computer clock.
>>>>>>>It is not
checked on the
net nor in any
way
synchronized
with

>>>>>>>an automatic
time signal.
Hence, if the
time is set
wrong in your
>>>>>>>computer, the
timing will be
wrong in your
data. This
happens
>>>>>>>ALL the time,
and is the
primary cause
for not being
able to
>>>>>>>compare SID
data
timestamps.
>>>>>>>
>>>>>>>At the time we
wrote the
code, there
was no other
option than to
>>>>>>>purchase a GPS
device, which
would have
made the SIDs
too expensive.
>>>>>>>Now, however,
they are
options to
synchronize
one's computer
clock
>>>>>>>over the web.
I believe the
SID software
committee is
looking into
>>>>>>>adding that
feature.
>>>>>>>
>>>>>>>However, if
your timing is
usually
correct, with
only certain
stations
>>>>>>>being wrong,

than I have no
idea what may
be wrong. I
have never
>>>>>>>heard of that
problem
before.
>>>>>>>
>>>>>>>Deborah
>>>>>>>
>>>>>>>
>>>>>>>On 4/22/13 1:01 PM, Kamran Mukhtar wrote:
>>>>>>>
>>>>>>>Dear,
>>>>>>>>   Time zone for Pakistan is 05+UTC is selected in conf file therefore
it shouldn't be misadjusted. While some peaks of other stations are quite in phase to solar
flares. But in data files it always appear as UTC-19 hrs. Should there be any problem
because of it?
>>>>>>>>
>>>>>>>>regards,
>>>>>>>>
>>>>>>>>
>>>>>>>>Kamran Mukhtar
>>>>>>>>Asst. Manager
>>>>>>>>Space Weather Monitoring Division
>>>>>>>>SUPARCO, Karachi
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>_____
>>>>>>>> From: Deborah Scherrer <dscherrer@...>
>>>>>>>>To: Super_SID@yahoogroups.com
>>>>>>>>Cc: Kamran <kamran.mukhtar@...>
>>>>>>>>Sent: Tuesday, April 23, 2013 12:43 AM
>>>>>>>>Subject: Re: [Super_SID] Time delay in flare phenomenon of SID data
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>Most likely your computer clock is misadjusted. ;-)
>>>>>>>>
>>>>>>>>Deborah
>>>>>>>>
>>>>>>>>
>>>>>>>>On 4/22/13 12:38 PM, Kamran wrote:
>>>>>>>>
>>>>>>>>
>>>>>>>>I have detected some of flares in my SID data while comparing it with GOES x-ray
flares. But mostly I found some time delay in SID spikes (spikes are not in phase) as
compared to solar flares of about one hour time range (JJI station data). Is this really
flare phenomenon and if so what is the reason of this time delay in spikes of SID data and

flare data?
>>>>>>>>>
>>>>>>>>>
>>>>
>>>>--
>>>>Donald Rice, Electrical Engineer
 Phone: (435) 752-6567
>>>>Space Environment Corporation   Fax:
   (435) 752-6687
>>>>221 N Gateway Drive, Suite A
 E-mail:
>>>>Providence UT 84332   Don.Rice@...
>>>>
>>>
>>
>>
>>--
>>Donald Rice, Electrical Engineer   Phone: (435) 752-6567
>>Space Environment Corporation   Fax: (435) 752-6687
>>221 N Gateway Drive, Suite A   E-mail:
>>Providence UT 84332   Don.Rice@...
>>
>

--
Donald Rice, Electrical Engineer   Phone: (435) 752-6567
Space Environment Corporation   Fax: (435) 752-6687
221 N Gateway Drive, Suite A   E-mail:
Providence UT 84332   Don.Rice@...

1337. Re: [Super_SID] Re: About SID designing and distribution

Yahoo group: Super_SID
Date: 2014-05-29 15:33:09 UTC
From: Steve Berl
Topic: 1336 Message: 1337

I use dropbox.com to share the configuration and data files between the
remote computer and the my home computer.

-steve

On Thu, May 29, 2014 at 8:20 AM, WILLIAM & MELINDA LORD
ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Hi Guys,
>
> Can you help Kamran with ideas on how she can access data remotely? I know
> some of you have set up remote sites and would appreciate your help.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* Kamran Mukhtar <kamran.mukhtar@yahoo.com>
> *To:* WILLIAM & MELINDA LORD <ap_guardian@...>
> *Sent:* Wednesday, May 28, 2014 5:29 PM
>
> *Subject:* Re: About SID designing and distribution
>
> Hello,
> I have one query if you can kindly guide me please. I have
> installed SuperSID monitor far from my working place in order to find a
> noise free environment. Can I remotely access my SID (software) i.e. some
> modification in config file etc... If so what is the method?
>
>
> regards,
>
> Kamran Mukhtar
> Asst. Manager
> Space Weather Monitoring Division
> SUPARCO, Karachi
>
>
> On Sunday, June 9, 2013 8:40 PM, WILLIAM & MELINDA LORD <
> ap_guardian@...> wrote:

>
>
> Another good site with space physics research papers
> http://www.physics.otago.ac.nz/nx/space/space-physics-publications.html
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* Don Rice <rice@...>
> *To:* Deborah Scherrer <dscherrer@...>
> *Cc:* Kamran Mukhtar <kamran.mukhtar@...>; WILLIAM & MELINDA LORD <
> ap_guardian@...>; Steve Kristoff <skristof@...>
> *Sent:* Friday, June 7, 2013 11:39 AM
>
> *Subject:* Re: About SID designing and distribution
>
> Debbie,
> Here are some VLF references that may or may not be useful, if you can
> locate them.
>
> Large solar flares and their ionospheric D region enhancements (2005)
> Thomson, Rodger, and Clilverd, J. of Geophys. Research, V 110, A06306,
> doi:10.1029/2005JA011008
> Talks about the X17 superflare from Nov 2003 and effects on VLF, the D
> region, and other things. These same authors in various combinations have
> done most of the recent VLF stuff that I'm aware of, other than the
> Stanford group, but mostly looking at lightning signatures rather than
> solar SIDs.
>
> Analysing and classifying VLF transients (2006)
> Schmitter, International J. of Signal Process., V 3 #4, p. 238
> Talks about recognizing signatures in VLF signals, mostly short (a few
> seconds) lightning responses but might give some ideas of approaches for
> other VLF signature analysis.
>
> Detection and classification of solar x-ray flares using VLF phase and
> amplitude information (1974)
> Kossey and Lewis, Air Force Cambridge Research Laboratories technical
> report, AFCRL-TR-74-0468
> Definitely old school but relevant to the Stanford SID type work. I only
> have a partial copy but it has a good introduction to the SID/VLF topic. I
> think the bulk of the report that I don't have here has to do with ancient
> FORTRAN models. If you can't chase down a copy of this one, I can try
> scanning what I have, which is about 20 pages.
>

> Don
>
>
>
> On Thu, Jun 6, 2013 at 11:32 AM, Deborah Scherrer <
> dscherrer@...> wrote:
>
> Thanks, Don. This is a useful starter.
>
> Debbie
>
>
> On 6/5/13 2:49 PM, Don Rice wrote:
>
> I think for the last few decades SIDs have been regarded as nuisances
> more than anything. Studies of phase changes (rather than amplitude that
> our plots show) have been used to infer D region changes. There were some
> older studies in the 1960s and early 70s that tried to connect SID
> amplitudes to solar flare characteristics before satellites were available
> to measure the flare behavior. (No, I'm not that old, I've just done
> literature searches...)
> Davies' "Ionospheric Radio" text has a section on VLF propagation and a
> brief description of SIDs and related terms. There are several editions of
> this text from the 1960s to 1990 or so, worth digging up for general
> background. The wikipedia article for SIDs is basically a summary of
> Davies' discussion (which it cites).
> I'll dig up my VLF file and see if there is anything useful there, but I
> think it is mostly talking about D-region behavior and ionospheric
> waveguides.
>
>
> Don
>
>
> On Wed, Jun 5, 2013 at 10:51 AM, Deborah Scherrer <
> dscherrer@...> wrote:
>
> Thanks, Don. I think this community is primarily concerned with the
> SIDs. Could
> you recommend any particular review article that one might use to get up
> to
> speed on the field?
>
> And thanks much for taking the time to respond to this!
>
> Debbie
>
>
> On 6/5/13 8:50 AM, Don Rice wrote:
>

> Deborah,
> You have our main publications on the subject in your list. Most of the
> academic publications on VLF signal reception are quite old, with quite a
> few in the 1960s and into the 1970s, when papers became scarce. Most of
> the more recent work in the more theoretical realms has been done there at
> Stanford.
> A lot depends on what your research goals are. If you are developing
> algorithms to detect daytime SIDs that should be reasonably straightforward
> with some statistics and curve fitting. If you are trying to understand
> variations other than SIDs, that gets in to a lot of complications
> involving the D region of the ionosphere and propagation in an imperfect
> waveguide, and that's what a lot of the academic papers in the last 50
> years or so have dealt with.
>
> Don
>
>
> On Tue, Jun 4, 2013 at 5:16 PM, Deborah Scherrer <
> dscherrer@....edu> wrote:
>
> Unfortunately we do not have a current bibliography. There is an old one
> on our website:
> http://solar-center.stanford.edu/SID/publications/
>
> My colleague Don Rice may know of a few more, since he has personally
> published some.
> Don, any suggestions for Kamran?
>
> Hope this helps!
>
> Deborah
>
> On 6/1/13 3:23 AM, Kamran Mukhtar wrote:
>
> Dear,
> I am always thankful of you for such such kind help to us. You
> should put me in loop of mentioned people that is good. About the project I
> will let you know progress with time. Students would let know to use and
> share Stanford and SARA, SID database.
> I am planning to publish some results and algorithms of SID data
> processing but I have not found any base material particularly Scholastic
> articles, can you please guide me or send me some papers which helps me in
> writing me a research paper.
>
> regards,
>
> Kamran Mukhtar
> Asst. Manager
> Space Weather Monitoring Division
> SUPARCO, Karachi

>
> ----------
> *From:* Deborah Scherrer <dscherrer@...>
> <dscherrer@...u>
> *To:* Kamran Mukhtar <kamran.mukhtar@...> <kamran.mukhtar@yahoo.com>
> *Cc:* WILLIAM & MELINDA LORD <ap_guardian@...>
> <ap_guardian@yahoo.com>
> *Sent:* Friday, May 31, 2013 5:32 AM
> *Subject:* Re: About SID designing and distribution
>
> We are very pleased to hear you are finding the SID monitors helpful for
> space education!
> And we are pleased to know that the Space Agency of Pakistan would like to
> provide as
> many as possible to students in your country. We certainly have no
> problem with your
> manufacturing your own. In fact, a professor in Malaysia has also
> manufactured her
> own for distribution there. I can put you in touch with her if you'd like.
>
> You are welcome to use all our educational materials with your own
> systems, assuming
> they work similarly. Your students are also very welcome to contribute
> their data
> to the SID centralized database here at Stanford. You might want to
> acknowledge
> the Stanford Solar Center as the developer of the program, and the SARA
> group
> as producer and distributor. The UN's ISWI would be good also.
>
> You might want to get in touch with Bill Lord, President of the SARA
> group, and the person
> from whom you probably got your SuperSID. The SARA people manufacture
> our SIDs, and
> perhaps might be able to help you out.
>
> Please do let us know about the progress of your project. We look forward
> to having your
> students from Pakistan in our SID community!
>
> Deborah
>
>
> On 5/27/13 12:40 PM, Kamran Mukhtar wrote:
>
> Dear Deborah,
> I have analyzed the data of my SuperSID monitor and
> successfully detected many solar flares. It is quite interesting task and
> very helpful for space education and awareness purposes. Since I am from
> Space agency of Pakistan so I want these instruments should be in reach of

> students of my country. Therefore planning to manufacture/design this
> simple instrument and distribute at graduate level students, since space
> education is not well known subject here in Pakistan.
> I think there should be no problem of copy rights if we design and
> distribute SID monitors our own. Definitely, the acknowledgement would be
> to Stanford University and may be ISWI also. What is the proper way will
> you please guide me.
>
>
> regards,
>
> Kamran Mukhtar
> Asst. Manager
> Space Weather Monitoring Division
> SUPARCO, Karachi
>
> ----------
> *From:* Deborah Scherrer <dscherrer@...>
> <dscherrer@...>
> *To:* Kamran Mukhtar <kamran.mukhtar@...> <kamran.mukhtar@...>
> *Sent:* Tuesday, April 23, 2013 1:05 AM
> *Subject:* Re: [Super_SID] Time delay in flare phenomenon of SID data
>
> The timing on your SID data is taken from your computer clock.
> It is not checked on the net nor in any way synchronized with
> an automatic time signal. Hence, if the time is set wrong in your
> computer, the timing will be wrong in your data. This happens
> ALL the time, and is the primary cause for not being able to
> compare SID data timestamps.
>
> At the time we wrote the code, there was no other option than to
> purchase a GPS device, which would have made the SIDs too expensive.
> Now, however, they are options to synchronize one's computer clock
> over the web. I believe the SID software committee is looking into
> adding that feature.
>
> However, if your timing is usually correct, with only certain stations
> being wrong, than I have no idea what may be wrong. I have never
> heard of that problem before.
>
> Deborah
>
> On 4/22/13 1:01 PM, Kamran Mukhtar wrote:
>
> Dear,
> Time zone for Pakistan is 05+UTC is selected in conf file
> therefore it shouldn't be misadjusted. While some peaks of other stations are
> quite in phase to solar flares. But in data files it always appear as
> UTC-19 hrs. Should there be any problem because of it?
>

> regards,
>
> Kamran Mukhtar
> Asst. Manager
> Space Weather Monitoring Division
> SUPARCO, Karachi
>
> ------------------------------
> *From:* Deborah Scherrer <dscherrer@...>
> <dscherrer@...>
> *To:* Super_SID@yahoogroups.com
> *Cc:* Kamran <kamran.mukhtar@...> <kamran.mukhtar@...>
> *Sent:* Tuesday, April 23, 2013 12:43 AM
> *Subject:* Re: [Super_SID] Time delay in flare phenomenon of SID data
>
> Most likely your computer clock is misadjusted. ;-)
>
> Deborah
>
> On 4/22/13 12:38 PM, Kamran wrote:
>
>
> I have detected some of flares in my SID data while comparing it with
> GOES x-ray flares. But mostly I found some time delay in SID spikes (spikes
> are not in phase) as compared to solar flares of about one hour time range
> (JJI station data). Is this really flare phenomenon and if so what is the
> reason of this time delay in spikes of SID data and flare data?
>
>
>
> --
> Donald Rice, Electrical Engineer Phone: (435) 752-6567
> Space Environment Corporation Fax: (435) 752-6687
> 221 N Gateway Drive, Suite A E-mail:
> Providence UT 84332 Don.Rice@spacenv.com
>
>
>
>
>
> --
> Donald Rice, Electrical Engineer Phone: (435) 752-6567
> Space Environment Corporation Fax: (435) 752-6687
> 221 N Gateway Drive, Suite A E-mail:
> Providence UT 84332 Don.Rice@...
>
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>

> --
> Donald Rice, Electrical Engineer Phone: (435) 752-6567
> Space Environment Corporation Fax: (435) 752-6687
> 221 N Gateway Drive, Suite A E-mail:
> Providence UT 84332 Don.Rice@...
>
>
>
>
>
>
>
>

--
-steve

1338. Re: [Super_SID] Re: About SID designing and distribution

Yahoo group: Super_SID
Date: 2014-05-30 01:11:04 UTC
From: ericgibert@yahoo.fr
Topic: 1336 Message: 1338

Same here: dropbox for data folder.
note: data are saved on hard disk then a batch at 00:20UTC copy to dropbox folder, FTP to Standford and email is sent with supersid_plot PDF attached. If i do not receive the email....something weng wronh, usually loss of wifi.

Sent from Yahoo Mail on Android

1339. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2014-06-12 17:00:32 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1339

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /Quick Mix Applet/QuickMixIn.EXE
Uploaded by : AP_GUARDIAN <ap_guardian@...>
Description : Use this Applet to save and retrieve sound card settings with just one click.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/Super_SID/files/Quick%20Mix%20Applet/QuickMixIn.EXE

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

AP_GUARDIAN <ap_guardian@...>

1340. Re: [Super_SID] Re: About SID designing and distribution

Yahoo group: Super_SID
Date: 2014-06-23 20:06:10 UTC
From: Chris Clardy
Topic: 1336 Message: 1340

Team Viewer software lets you remotely operate the computer from any computer or smartphone.

-chris

On Thursday, May 29, 2014 10:39 AM, "Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

I use dropbox.com to share the configuration and data files between the remote computer and the my home computer.

-steve

On Thu, May 29, 2014 at 8:20 AM, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>Hi Guys,
>
>
>Can you help Kamran with ideas on how she can access data remotely? I know some of you have set up remote sites and would appreciate your help.
>
>Bill & Melinda Lord
>www.tnSkyNet.com
>www.radio-astronomy.org
>
>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
>
>
>_____
> From: Kamran Mukhtar <kamran.mukhtar@...>
>To: WILLIAM & MELINDA LORD <ap_guardian@yahoo.com>
>Sent: Wednesday, May 28, 2014 5:29 PM
>
>Subject: Re: About SID designing and distribution
>
>
>
>Hello,
>   I have one query if you can kindly guide me please. I have installed SuperSID monitor far from my working place in order to find a noise free environment. Can I remotely access my SID (software) i.e. some modification in config file etc... If so what is the method?

>
>
>
>regards,
>
>
>Kamran Mukhtar

>Asst. Manager
>Space Weather Monitoring Division
>SUPARCO, Karachi
>
>
>
>On Sunday, June 9, 2013 8:40 PM, WILLIAM & MELINDA LORD <ap_guardian@yahoo.com> wrote:
>
>
>
>Another good site with space physics research papers
http://www.physics.otago.ac.nz/nx/space/space-physics-publications.html
>
>
>Bill & Melinda Lord
>www.tnSkyNet.com
>www.radio-astronomy.org
>
>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
>
>
>_________________________________
>

>From: Don Rice <rice@...>
>To: Deborah Scherrer <dscherrer@solar.stanford.edu>
>Cc: Kamran Mukhtar <kamran.mukhtar@...>; WILLIAM & MELINDA LORD <ap_guardian@...>; Steve Kristoff <skristof@...>
>Sent: Friday, June 7, 2013 11:39 AM
>
>Subject: Re: About SID designing and distribution
>
>
>
>Debbie,
>Here are some VLF references that may or may not be useful, if you can locate them.
>
>Large solar flares and their ionospheric D region enhancements (2005)
>Thomson, Rodger, and Clilverd, J. of Geophys. Research, V 110, A06306, doi:10.1029/2005JA011008
>Talks about the X17 superflare from Nov 2003 and effects on VLF, the D region, and other

things. These same authors in various combinations have done most of the recent VLF stuff that I'm aware of, other than the Stanford group, but mostly looking at lightning signatures rather than solar SIDs.
>
>Analysing and classifying VLF transients (2006)
>Schmitter, International J. of Signal Process., V 3 #4, p. 238
>Talks about recognizing signatures in VLF signals, mostly short (a few seconds) lightning responses but might give some ideas of approaches for other VLF signature analysis.
>
>Detection and classification of solar x-ray flares using VLF phase and amplitude information (1974)
>Kossey and Lewis, Air Force Cambridge Research Laboratories technical report, AFCRL-TR-74-0468
>
Definitely old school but relevant to the Stanford SID type work. I only have a partial copy but it has a good introduction to the SID/VLF topic. I think the bulk of the report that I don't have here has to do with ancient FORTRAN models. If you can't chase down a copy of this one, I can try scanning what I have, which is about 20 pages.
>
>Don
>
>
>
>
>
>
>On Thu, Jun 6, 2013 at 11:32 AM, Deborah Scherrer <dscherrer@...> wrote:
>
>Thanks, Don. This is a useful starter.
>>
>>Debbie
>>
>>
>>
>>On 6/5/13 2:49 PM, Don Rice wrote:

>>
>>I think for the last few decades SIDs have been regarded as nuisances more than anything. Studies of phase changes (rather than amplitude that our plots show) have been used to infer D region changes. There were some older studies in the 1960s and early 70s that tried to connect SID amplitudes to solar flare characteristics before satellites were available to measure the flare behavior. (No, I'm not that old, I've just done literature searches...)
>>>
Davies' "Ionospheric Radio" text has a section on VLF propagation and a brief description of SIDs and related terms. There are several editions of this text from the 1960s to 1990 or so, worth digging up for general background. The wikipedia article for SIDs is basically a summary of Davies' discussion (which it cites).
>>>
I'll dig up my VLF file and see if there is anything useful there, but I think it is mostly talking about D-region behavior and ionospheric waveguides.

>>>
>>>
>>>
>>>
>>>Don
>>>
>>>
>>>
>>>On Wed, Jun 5, 2013 at 10:51 AM, Deborah Scherrer <dscherrer@...> wrote:
>>>
>>>Thanks, Don. I think this community is primarily concerned with the SIDs. Could
>>>>you recommend any particular review article that one might
use to get up to
>>>>speed on the field?
>>>>
>>>>And thanks much for taking the time to respond to this!
>>>>
>>>>Debbie
>>>>
>>>>
>>>>
>>>>On 6/5/13 8:50 AM, Don Rice wrote:
>>>>
>>>>Deborah,
>>>>>
You have our main publications on the subject in your list. Most of the academic publications on VLF signal reception are quite old, with quite a few in the 1960s and into the 1970s, when papers became scarce. Most of the more recent work in the more theoretical realms has been done there at Stanford.
>>>>>
A lot depends on what your research goals are. If you are developing algorithms to detect daytime SIDs that should be reasonably straightforward with some statistics and curve fitting. If you are trying to understand variations other than SIDs, that gets in to a lot of complications involving the D region of the ionosphere and propagation in an imperfect waveguide, and that's what a lot of the academic papers in the last 50 years or so have dealt with.
>>>>>
>>>>>Don
>>>>>
>>>>>
>>>>>
>>>>>
>>>>>On Tue, Jun 4, 2013 at 5:16 PM, Deborah Scherrer <dscherrer@...> wrote:
>>>>>
>>>>>Unfortunately we do not have a current bibliography. There is an old one on our website:
>>>>>>http://solar-center.stanford.edu/SID/publications/
>>>>>>
>>>>>>My colleague Don Rice may know of a
few more, since he has personally

published some.
>>>>>>Don, any suggestions for Kamran?
>>>>>>

>>>>>>Hope this helps!
>>>>>>
>>>>>>Deborah
>>>>>>
>>>>>>
>>>>>>On 6/1/13 3:23 AM, Kamran Mukhtar wrote:
>>>>>>
>>>>>>Dear,
>>>>>>> I am always thankful of you for such such kind help to us. You should put me in loop of mentioned people that is good. About the project I will let you know progress with time. Students would let know to use and share Stanford and SARA, SID database.
>>>>>>>I am planning to publish some results and algorithms of SID data processing but I have not found any base material particularly Scholastic articles, can you please guide me or send me some papers which helps me in writing me a research paper.
>>>>>>>
>>>>>>>regards,
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>Kamran Mukhtar
>>>>>>>Asst. Manager
>>>>>>>Space Weather Monitoring Division
>>>>>>>SUPARCO, Karachi
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>________________________________
>>>>>>> From: Deborah Scherrer <dscherrer@...>
>>>>>>>To: Kamran Mukhtar <kamran.mukhtar@...>
>>>>>>>Cc: WILLIAM & MELINDA LORD <ap_guardian@...>
>>>>>>>Sent: Friday, May 31, 2013 5:32 AM
>>>>>>>Subject: Re: About SID designing and distribution
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>We are very pleased to hear you are finding the SID monitors helpful for space education!
>>>>>>>And we are pleased to
know that the Space
Agency of Pakistan
would like to provide
as
>>>>>>>many as possible to
students in your
country.   We
certainly have no

problem with your
>>>>>>>manufacturing your
own. In fact, a
professor in Malaysia
has also manufactured
her
>>>>>>>own for distribution
there. I can put you
in touch with her if
you'd like.
>>>>>>>
>>>>>>>You are welcome to use
all our educational
materials with your
own systems, assuming
>>>>>>>they work
similarly. Your
students are also very
welcome to contribute
their data
>>>>>>>to the SID centralized
database here at
Stanford. You might
want to acknowledge
>>>>>>>the Stanford Solar
Center as the
developer of the
program, and the SARA
group
>>>>>>>as producer and
distributor. The
UN's ISWI would be
good also.
>>>>>>>
>>>>>>>You might want to get
in touch with Bill
Lord, President of the
SARA group, and the
person
>>>>>>>from whom you probably
got your SuperSID.
The SARA people
manufacture our SIDs,
and
>>>>>>>perhaps might be able
to help you out.
>>>>>>>
>>>>>>>Please do let us know
about the progress of
your project. We look

forward to having your
>>>>>>>students from Pakistan
in our SID community!
>>>>>>>
>>>>>>>Deborah
>>>>>>>
>>>>>>>

>>>>>>>
>>>>>>>On 5/27/13 12:40 PM, Kamran Mukhtar wrote:
>>>>>>>
>>>>>>>Dear Deborah,
>>>>>>>>   I have analyzed the data of my SuperSID monitor and successfully detected many solar flares. It is quite interesting task and very helpful for space education and awareness purposes. Since I am from Space agency of Pakistan so I want these instruments should be in reach of students of my country. Therefore planning to manufacture/design this simple instrument and distribute at graduate level students, since space education is not well known subject here in Pakistan.
>>>>>>>>I think there should be no problem of copy rights if we design and distribute SID monitors our own. Definitely, the acknowledgement would be to Stanford University and may be ISWI also. What is the proper way will you please guide me.
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>regards,
>>>>>>>>
>>>>>>>>
>>>>>>>>Kamran Mukhtar
>>>>>>>>Asst. Manager
>>>>>>>>Space Weather Monitoring Division
>>>>>>>>SUPARCO, Karachi
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>_____
>>>>>>>> From: Deborah Scherrer <dscherrer@...ord.edu>
>>>>>>>>To: Kamran Mukhtar <kamran.mukhtar@...>
>>>>>>>>Sent: Tuesday, April 23, 2013 1:05 AM
>>>>>>>>Subject: Re: [Super_SID] Time delay in flare phenomenon of SID data
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>The timing on your SID data is taken from your computer clock.
>>>>>>>>It is not
checked on the
net nor in any
way
synchronized
with
>>>>>>>>an automatic

time signal.
Hence, if the
time is set
wrong in your
>>>>>>>>computer, the

timing will be
wrong in your
data. This
happens
>>>>>>>>ALL the time,
and is the
primary cause
for not being
able to
>>>>>>>>compare SID
data
timestamps.
>>>>>>>>
>>>>>>>>At the time we
wrote the
code, there
was no other
option than to
>>>>>>>>purchase a GPS
device, which
would have
made the SIDs
too expensive.
>>>>>>>>Now, however,
they are
options to
synchronize
one's computer
clock
>>>>>>>>over the web.
I believe the
SID software
committee is
looking into
>>>>>>>>adding that
feature.
>>>>>>>>
>>>>>>>>However, if
your timing is
usually
correct, with
only certain
stations
>>>>>>>>being wrong,

than I have no
idea what may
be wrong. I
have never
>>>>>>>>heard of that
problem
before.
>>>>>>>>
>>>>>>>>Deborah
>>>>>>>>
>>>>>>>>
>>>>>>>>On 4/22/13 1:01 PM, Kamran Mukhtar wrote:
>>>>>>>>
>>>>>>>>Dear,
>>>>>>>>>   Time zone for Pakistan is 05+UTC is selected in conf file therefore it shouldn't be misadjusted. While some peaks of other stations are quite in phase to solar flares. But in data files it always appear as UTC-19 hrs. Should there be any problem because of it?
>>>>>>>>>
>>>>>>>>>regards,
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>Kamran Mukhtar
>>>>>>>>>Asst. Manager
>>>>>>>>>Space Weather Monitoring Division
>>>>>>>>>SUPARCO, Karachi
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>_____
>>>>>>>>> From: Deborah Scherrer <dscherrer@...>
>>>>>>>>>To: Super_SID@yahoogroups.com
>>>>>>>>>Cc: Kamran <kamran.mukhtar@...>
>>>>>>>>>Sent: Tuesday, April 23, 2013 12:43 AM
>>>>>>>>>Subject: Re: [Super_SID] Time delay in flare phenomenon of SID data
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>Most likely your computer clock is misadjusted. ;-)
>>>>>>>>>
>>>>>>>>>Deborah
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>On 4/22/13 12:38 PM, Kamran wrote:
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>I have detected some of flares in my SID data while comparing it with GOES x-ray flares. But mostly I found some time delay in SID spikes (spikes are not in phase) as compared to solar flares of about one hour time range (JJI station data). Is this really flare phenomenon and if so what is the reason of this time delay in spikes of SID data and

flare data?
>>>>>>>>>>
>>>>>>>>>>
>>>>>
>>>>>--
>>>>>Donald Rice, Electrical Engineer
 Phone: (435) 752-6567
>>>>>Space Environment Corporation   Fax:
   (435) 752-6687
>>>>>221 N Gateway Drive, Suite A
 E-mail:
>>>>>Providence UT 84332   Don.Rice@...
>>>>>
>>>>
>>>
>>>
>>>--
>>>Donald Rice, Electrical Engineer   Phone: (435) 752-6567
>>>Space Environment Corporation   Fax: (435) 752-6687
>>>221 N Gateway Drive, Suite A   E-mail:
>>>Providence UT 84332   Don.Rice@...
>>>
>>
>
>
>--
>Donald Rice, Electrical Engineer   Phone: (435) 752-6567
>Space Environment Corporation   Fax: (435) 752-6687
>221 N Gateway Drive, Suite A   E-mail:
>Providence UT 84332   Don.Rice@...
>
>
>
>
>
>
>

--
-steve

1341. Signal jump

Yahoo group: Super_SID
Date: 2014-07-17 07:15:54 UTC
From: Ralph
Topic: 1341 Message: 1341
Attachments: 1 described; binary payloads are missing from this source WARC

Hi all,

yesterday I observed a fancy jump in signal strength (image appended). I'm quite sure I've seen this before but haven't looked in my data for this yet. Anybody knows what can cause this jump?

I've not moved or changed the mechanical arrangement of my set up, e.g. the antenna has not been rotated.

Ralph (RRO)
--
Stars and Stuff

1342. Pics from the SARA and Radio JOVE Conferences

Yahoo group: Super_SID
Date: 2014-07-21 02:18:54 UTC
From: WILLIAM & MELINDA LORD
Topic: 1342 Message: 1342

Hi Folks,

For those unable to attend the SARA and/or Radio JOVE conferences, there are some pictures you can view here
https://www.flickr.com/photos/tnskynet/sets/

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1343. SARA Western Conference- Call for Papers

Yahoo group: Super_SID
Date: 2014-08-04 22:05:09 UTC
From: WILLIAM & MELINDA LORD
Topic: 1343 Message: 1343

The Society of Amateur Radio Astronomers (SARA) hereby solicits papers for presentation at its 2015 Western Regional Conference, to be held March 20 through March 22, 2015, at Stanford University, California. Papers on radio astronomy hardware, software, education, research strategies, observations and philosophy are welcome.
SARA members or supporters wishing to present a paper should email a letter of intent, including a proposed title and informal abstract or outline to : westernconference_at_radio-astronomy_dot_org, no later than 1 February 2015. Be sure to include your full name, affiliation, postal address, and email address, and indicate your willingness to attend the conference to present your paper.

Submitters will receive an email response, typically within one week. A formal Proceedings will be published for this conference and all presentations can be made available on CD.

Additional information and a schedule can be found on SARA’s website: Society of Amateur Radio Astronomers

Society of Amateur Radio Astronomers
Palo Alto, California, USA on 20 - 22 March 2015
View on www.radio-astronom... Preview by Yahoo

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1344. Birthday of Gurudev Observatory

Yahoo group: Super_SID
Date: 2014-09-12 06:58:12 UTC
From: Divyadarshan Purohit
Topic: 1344 Message: 1344
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Friends,

Gurudev Observatory has started it's radio observation on 11/9/2009.So we are now entering very bright 6th year with the grace of god,blessings of my beloved parents & my divine master Gurudev Pt.Shri Ram Sharma Acharyaji & warm wishes from all of you.

Friends,

For the last 25 years Shri Gayatri Pragnyapith & Gurudev Observatory has been spreading awareness of space science ,astronomy, global warming,climate change,water conservation ,forestation and for the last 5 years has concentrated on educating students and the general public. Currently some 24,000 students visit and receive training in our observatory every year. Since being established we have spread awareness of space science and astronomy to 2.5 million students and 50 million members of the Indian public.

We are nothing without your precious ,incredible,priceless support.On this pious occasion of gurudev observatory's birthday we would like to thanks friends from Society of Amateur Radio Astronomer (SARA),NASA,ESA,ESO,JAXA,DLR,OAD-IAU,New Mexico state university,Valencia University,Sandia National Laboratory,Stanford Solar Center, H.H.Dr.Pranav Pandy from All world Gayartri Pariwar, Dev Sanskriti University & many other for grant various useful materials,radio telescopes,poster,books,DVDs,kits for blinds, all sky camera,pin hole camera & more over moral support.

We would also like to express our heartiest thanks & feelings to Dr.Victor Herrero,William & Melinda Lord,Dr.Deborah Scherrer,Dr.Jim Thieman,Jim sky,Ramon Menedez,Mike Smith ,Dr.Lars Lindeberg,Dr.Pedro Russo,Dr.Amelia Gill.Dr.Chuck Higgins ,Mike Simmons,Kevin Brown ,Thomas Ashcraft,Dr.J,Dr.Fred Espenc,Withiam & .....many more as list is endless.We have no words to express our feelings for your incredible support without which we can not achieve some fruitful results.

We also express our thanks to friends of National & international Media,web links,web magazines to spread the words & vision of Gurudev Observatory.

At this stage we have published our Visiting Cards & brochure looking to its need, which have been attached with this letter.You can see some details about our work at....

https://www.flickr.com/photos/gurudevobservatory/sets/
<https://www.flickr.com/photos/gurudevobservatory/sets/>

http://www.spacenewsfeed.com/index.php/gurudev-observatory

We reached up to millions but still we are children as we have to learn so many things from you,we have to achieve some important goals,so we will need your valuable support,blessings,suggestions as usual in coming years.

Wtih best regards,

DDPurohit ,family & members of Gurudev Observatory

*-- Divyadarshan D.PurohitGurudev Observatory,VadodaraIndia *

1345. Live on TV9 about MOM

Yahoo group: Super_SID
Date: 2014-09-22 07:40:41 UTC
From: Divyadarshan Purohit
Topic: 1345 Message: 1345

Dear Friends,

I will be live on TV9 Gujarati,the 24 hrs.news national news channel
at 3 pm today for Mangalyaan,MOM, the first interplanetary mission of
India,the pride of India.Please join the session.
best regards,
DDPurohit

1346. Fwd: Live on TV9 about MOM

Yahoo group: Super_SID
Date: 2014-09-23 10:08:31 UTC
From: Divyadarshan Purohit
Topic: 1346 Message: 1346

Dear Friends,

Mars Orbiter Mission (MOM),Mangalyaan will enter the orbit of Mars app.at 7:17 AM IST tomorrow (morning).TV9 National News channel will telecast live interviews with scientists & experts about this.

I will be live again on TV9 Gujarati from 7 AM onwards (IST , i.e.1:30 UT) tomorrow,Do join us.

You can watch the live session at https://www.youtube.com/user/gujarattv9 .

with best regards,
DDPurohit

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

1347. Fwd: Live on TV9 about MOM

Yahoo group: Super_SID
Date: 2014-09-23 10:24:46 UTC
From: Divyadarshan Purohit
Topic: 1346 Message: 1347

Dear Friends,

Mars Orbiter Mission (MOM),Mangalyaan will enter the orbit of Mars app.at 7:17 AM IST tomorrow (morning).TV9 National News channel will telecast live interviews with scientists & experts about this.

I will be live again on TV9 Gujarati from 7 AM onwards (IST , i.e.1:30 UT) tomorrow,Do join us.

You can watch the live session at https://www.youtube.com/user/gujarattv9 .

with best regards,
DDPurohit

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

1348. SARA Western Conference Call for Papers

Yahoo group: Super_SID
Date: 2014-10-13 19:16:57 UTC
From: WILLIAM & MELINDA LORD
Topic: 1348 Message: 1348

The Society of Amateur Radio Astronomers (SARA) hereby solicits papers for presentation at its 2015 Western Regional Conference, to be held March 20 through March 22, 2015, at Stanford University, California. Papers on radio astronomy hardware, software, education, research strategies, observations and philosophy are welcome.

SARA members or supporters wishing to present a paper should email a letter of intent, including a proposed title and informal abstract or outline to : westernconference_at_radio-astronomy_dot_org, no later than 1 February 2015. Be sure to include your full name, affiliation, postal address, and email address, and indicate your willingness to attend the conference to present your paper. Submitters will receive an email response, typically within one week. A formal Proceedings will be published for this conferenceand all presentations can be made available on CD.
Additional information and a schedule can be found on SARA’s website: Society of Amateur Radio Astronomers

Society of Amateur Radio Astronomers
Palo Alto, California, USA on 20 - 22 March 2015
View on www.radio-astronom... Preview by Yahoo

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1349. Re: [Radio_JOVE] SARA Western Conference Call for Papers

Yahoo group: Super_SID
Date: 2014-10-15 20:00:12 UTC
From: WILLIAM & MELINDA LORD
Topic: 1349 Message: 1349

If someone has a paper but is unable to present, they should submit the paper to the SARA Journal for publication. editor_at_radio-astronomy_dot_org

The conference is about people giving presentations and being there to answer questions from the group.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "Divyadarshan Purohit divyadarshan63@... [Radio_JOVE]" <Radio_JOVE@yahoogroups.com>
To: radio_jove <Radio_JOVE@yahoogroups.com>
Cc: SARA List <sara-list@...>; SuperSID Group <Super_SID@yahoogroups.com>
Sent: Tuesday, October 14, 2014 2:20 AM
Subject: Re: [Radio_JOVE] SARA Western Conference Call for Papers

Thanks a lot for invitation & information.If any one wants to submit the paper/presentation on the subjects & would not be able to be present physically at the event then is it possible to only send the paper?

best regards,
DDPurohit

On Tue, Oct 14, 2014 at 12:46 AM, WILLIAM & MELINDA LORD ap_guardian@... [Radio_JOVE] <Radio_JOVE@yahoogroups.com> wrote:

>
>
>
>The Society of Amateur Radio Astronomers (SARA) hereby solicits
papers for presentation at its 2015 Western Regional Conference, to be
held March 20 through March 22, 2015, at Stanford University,
California. Papers on radio astronomy hardware, software, education,
research strategies, observations and philosophy are welcome.
>
>
>SARA members or supporters wishing to present a paper should email a
letter of intent, including a proposed title and informal abstract or
outline to : westernconference_at_radio-astronomy_dot_org, no later than 1 February 2015.
Be sure to include your full name, affiliation, postal address, and email address, and
indicate your willingness to attend the conference to present your paper.
>Submitters will receive an email response, typically within one week. A formal Proceedings
will be published for this conferenceand all

presentations can be made available on CD.
>Additional information and a schedule can be found on SARA’s website: Society of Amateur Radio Astronomers
>
>
>Society of Amateur Radio Astronomers
>Palo Alto, California, USA on 20 - 22 March 2015
>View on www.radio-astronom... Preview by Yahoo
>
>
>
>Bill & Melinda Lord
>www.tnSkyNet.com
>www.radio-astronomy.org
>
>Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

1350. Re: [Radio_JOVE] SARA Western Conference Call for Papers

Yahoo group: Super_SID
Date: 2014-10-14 07:20:28 UTC
From: Divyadarshan Purohit
Topic: 1348 Message: 1350

Thanks a lot for invitation & information.If any one wants to submit the paper/presentation on the subjects & would not be able to be present physically at the event then is it possible to only send the paper?

best regards,

DDPurohit

On Tue, Oct 14, 2014 at 12:46 AM, WILLIAM & MELINDA LORD ap_guardian@... [Radio_JOVE] <Radio_JOVE@yahoogroups.com> wrote:

>
>
>
> The Society of Amateur Radio Astronomers (SARA) hereby solicits papers for
> presentation at its 2015 Western Regional Conference, to be held March 20
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> SARA members or supporters wishing to present a paper should email a
> letter of intent, including a proposed title and informal abstract or
> outline to : westernconference_at_radio-astronomy_dot_org, no later than 1
> February 2015. Be sure to include your full name, affiliation, postal
> address, and email address, and indicate your willingness to attend the
> conference to present your paper.
> Submitters will receive an email response, typically within one week. A
> formal Proceedings will be published for this conferenceand all
> presentations can be made available on CD.
> Additional information and a schedule can be found on SARA’s website: Society
> of Amateur Radio Astronomers <http://www.radio-astronomy.org/>
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> [image: image] <http://www.radio-astronomy.org/>
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>
> Society of Amateur Radio Astronomers <http://www.radio-astronomy.org/>
> Palo Alto, California, USA on 20 - 22 March 2015
> View on www.radio-astronom... <http://www.radio-astronomy.org/>
> Preview by Yahoo

>
>

>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>

> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
>
>

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

1351. New web address of gurudev observatory

Yahoo group: Super_SID
Date: 2014-10-24 16:47:58 UTC
From: Divyadarshan Purohit
Topic: 1351 Message: 1351

Dear Friends,

It was my dream to have own web site of Gurudev observatory since establishment .Now with the grace of almighty,gurusatta & very kind cooperation from one of my best friends Mr.Mike Smith , a famous scientist-web developer & satellite consultant, the dream has been fulfilled.

Mr.Mike smith (Microcom system,UK)has created,developed & sponsored the whole site of Gurudev Observatory which will be one of its own kind & helpful to be part of interaction with the students at every corner of the world.

Today,on the auspicious day of Gujarati New Year,vikram Samvant 2071 web site has been launched by H.H.Dr.Pranav Pandya (Chancellor ,Dev Sanskriti University,Editor- Akhand Jyoti & prominent scientist) ,Respected Shailbala Pandya (Head of All world Gayatri Pariwar) & Dr.Chinmay Pandya (Pro.V.C. DSVV) & dedicated to humanity.

You may now visit amazing universe by clicking the web link http://www.gurudevobservatory.co.in/ <http://www.gurudevobservatory.co.in/> .

I am inviting your suggestion,blessings,feelings on this new creation of gurudev Observatory.

Please also send your events,data,graphs,space activities,findings for new site.

I will be obliged if you can send me the web link of your site to add on link page of new site.

I will always well come your suggestion to improve the web site.

with best regards,

DDPurohit & family

*-- Divyadarshan D.PurohitGurudev Observatory,VadodaraIndia *

1352. How about that sunspot?

Yahoo group: Super_SID
Date: 2014-10-28 00:33:09 UTC
From: galenow@...
Topic: 1352 Message: 1352

Hi everyone,
We are a new entry here and picked a great week to start it seems. Any advise is welcomed.
Thanks,
galenow

1353. space at your door step

Yahoo group: Super_SID
Date: 2014-11-12 06:02:45 UTC
From: Divyadarshan Purohit
Topic: 1353 Message: 1353

Dear Friends,

You will pleased to know that new web site of Gurudev observatory is day by day going to be more & more informative & interactive with the help & self interest of sponsor of the web Site Mr.Mike Smith from Microcom, one of the prominent Satellite consultants & web developers of the world .

(A) Now you may find latest updates about space & earth science at http://www.gurudevobservatory.co.in/index.php/latest-updates/ <http://www.gurudevobservatory.co.in/index.php/latest-updates/>

*(B) or you may check the monthly celestial events at http://www.gurudevobservatory.co.in/index.php/events-and-dates/ <http://www.gurudevobservatory.co.in/index.php/events-and-dates/> *

(C) In next phase we will launch the page about sky map for sky lovers..

(D) But the incredible & useful page for new comers,students & all space lovers is about Questions.Here one can ask any question related to space & earth science ,radio & optical astronomy,telescope, carrier & opportunity in the field etc. which will encourage all towards space.Some of the Answers will be given by prominent scientists. Simultaneously questioners may send email also.This page will help all of us to connect lively with the rest of world.

One can access this feature at http://www.gurudevobservatory.co.in/index.php/questions/ <http://www.gurudevobservatory.co.in/index.php/questions/>

I am sure you will help to spread the words & will guide me for more improvement.

with best regards,
DDPurohit
*http://www.gurudevobservatory.co.in/ <http://www.gurudevobservatory.co.in/> *
*http://www.flickr.com/photos/gurudevobservatory/sets/ <http://www.flickr.com/photos/gurudevobservatory/sets/> *

*-- *

Divyadarshan D.PurohitGurudev Observatory,VadodaraIndia

1354. SuperSid Locations

Yahoo group: Super_SID
Date: 2014-11-14 16:02:17 UTC
From: tomrdew5@...
Topic: 1354 Message: 1354

Is their a map showing SuperSid locations. I live in Bartlett Tn.(Memphis) and am having problems with my SuperSid setup. the signal i get are just not right. I changed pc's and sound cards but still nogo. I moved the oudside antenna with no success. Perhaps I am in a bad area? My pre-amp is located very near my PC is this a problem? I wonder if their is a image of a plot with only soundcard than with unpowered pre-amp connected, than with powered pre-amp, finally with antenna connected? This could help with new install's
.
Thanks Tom

1355. Re: [Super_SID] SuperSid Locations

Yahoo group: Super_SID
Date: 2014-11-14 21:31:31 UTC
From: WILLIAM & MELINDA LORD
Topic: 1354 Message: 1355

Hi Tom,
Here is a link showing sites World Map of SID/AWESOME Sites - Space Weather Monitors

You can post a "screen shot" of your monitor collecting data to this group. We will try to help you troubleshoot the problem.

World Map of SID/AWESOME Sites - Space Weather Monitors
World Map of SID/AWESOME Sites Welcome! To navigate, use the arrow buttons or use the hand cursor and drag to a location.
View on solar-center.stanford.edu Preview by Yahoo

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "tomrdew5@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, November 14, 2014 10:02 AM
Subject: [Super_SID] SuperSid Locations

Is their a map showing SuperSid locations. I live in Bartlett Tn.(Memphis) and am having problems with my SuperSid setup. the signal i get are just not right. I changed pc's and sound cards but still nogo. I moved the oudside antenna with no success. Perhaps I am in a bad area? My pre-amp is located very near my PC is this a problem? I wonder if their is a image of a plot with only soundcard than with unpowered pre-amp connected, than with powered pre-amp, finally with antenna connected? This could help with new install's
.
Thanks Tom

1356. Re: [Super_SID] SuperSid Locations

Yahoo group: Super_SID
Date: 2014-11-14 22:16:08 UTC
From: John Cowlbeck
Topic: 1354 Message: 1356

I do not see my site on the map
 John

JohnCowlbeck@...

540-586-8042 Home
540-871-0636 Cell
From: "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Friday, November 14, 2014 4:31 PM
Subject: Re: [Super_SID] SuperSid Locations

  Hi Tom,Here is a link showing sites World Map of SID/AWESOME Sites - Space Weather Monitors
You can post a "screen shot" of your monitor collecting data to this group. We will try to help you troubleshoot the problem.

| |
| | | | | |
| World Map of SID/AWESOME Sites - Space Weather Monitors World Map of SID/AWESOME Sites
Welcome! To navigate, use the arrow buttons or use the hand cursor and drag to a location.
|
| |
| View on solar-center.stanford.edu | Preview by Yahoo |
| |
| |

  Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "tomrdew5@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, November 14, 2014 10:02 AM
Subject: [Super_SID] SuperSid Locations

  Is their a map showing SuperSid locations. I live in Bartlett Tn.(Memphis) and am having problems with my SuperSid setup. the signal i get are just not right. I changed pc's and sound cards but still nogo. I moved the oudside antenna with no success. Perhaps I am in a bad area? My pre-amp is located very near my PC is this a problem? I wonder if their is a image of a plot with only soundcard than with unpowered pre-amp connected, than with powered pre-amp, finally with antenna connected? This could help with new install's
.
Thanks Tom

1357. Re: [Super_SID] SuperSid Locations

Yahoo group: Super_SID
Date: 2014-11-14 22:32:52 UTC
From: Steve Berl
Topic: 1354 Message: 1357

If you look near the bottom of the page it says "Last updated Apr. 2010" :-(

If you can make sure the config file has the correct lat and long, then
eventually the map will get updated with your location.

-steve

On Fri, Nov 14, 2014 at 2:16 PM, John Cowlbeck johncowlbeck@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> I do not see my site on the map
>
> John
>
>
> JohnCowlbeck@...
>
>
> 540-586-8042 Home
> 540-871-0636 Cell
>
> ------------------------------
> *From:* "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <
> Super_SID@yahoogroups.com>
> *To:* "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
> *Sent:* Friday, November 14, 2014 4:31 PM
> *Subject:* Re: [Super_SID] SuperSid Locations
>
>
> Hi Tom,
> Here is a link showing sites World Map of SID/AWESOME Sites - Space
> Weather Monitors <http://solar-center.stanford.edu/SID/map/>
>
> You can post a "screen shot" of your monitor collecting data to this
> group. We will try to help you troubleshoot the problem.
>
>
>
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>
>
> World Map of SID/AWESOME Sites - Space Weather Monitors
> <http://solar-center.stanford.edu/SID/map/>

> World Map of SID/AWESOME Sites Welcome! To navigate, use the arrow
> buttons or use the hand cursor and drag to a location.
> View on solar-center.stanford.edu
> <http://solar-center.stanford.edu/SID/map/>
> Preview by Yahoo
>
>
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
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> Light travels faster than sound. This is why some people appear bright
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>
> ------------------------------
> *From:* "tomrdew5@... [Super_SID]" <Super_SID@yahoogroups.com>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Friday, November 14, 2014 10:02 AM
> *Subject:* [Super_SID] SuperSid Locations
>
>
> Is their a map showing SuperSid locations. I live in Bartlett Tn.(Memphis)
> and am having problems with my SuperSid setup. the signal i get are just
> not right. I changed pc's and sound cards but still nogo. I moved the
> oudside antenna with no success. Perhaps I am in a bad area? My pre-amp is
> located very near my PC is this a problem? I wonder if their is a image of
> a plot with only soundcard than with unpowered pre-amp connected, than with
> powered pre-amp, finally with antenna connected? This could help with new
> install's
> .
> Thanks Tom
>
>
>
>
>
>

--
-steve

1358. Frame

Yahoo group: Super_SID
Date: 2014-11-14 23:17:44 UTC
From: allenb_young@...
Topic: 1358 Message: 1358

Can antenna frame be a box shape instead of crossed sticks? I have an old easel that is grooved and would be perfect to wrap wire around, if having wires touch the wood all around is not detrimental.

Brad

1359. Re: [Super_SID] Frame

Yahoo group: Super_SID
Date: 2014-11-15 01:12:27 UTC
From: galenow
Topic: 1358 Message: 1359

No exposed metal, I think it would work.

Message from ILL unit #2

> On Nov 14, 2014, at 16:17, allenb_young@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Can antenna frame be a box shape instead of crossed sticks? I have an old easel that is grooved and would be perfect to wrap wire around, if having wires touch the wood all around is not detrimental.
>
>
>
> Brad
>
>

1360. Re: [Super_SID] Frame

Yahoo group: Super_SID
Date: 2014-11-15 16:25:26 UTC
From: Steve Berl
Topic: 1358 Message: 1360

I think the frame can be made from just about any non-conducting material
and be any shape you like as long as it supports the wire in the right
geometry.

Steve

On Friday, November 14, 2014, galenow galenow@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> No exposed metal, I think it would work.
>
> Message from ILL unit #2
>
> On Nov 14, 2014, at 16:17, allenb_young@...
> <javascript:_e(%7B%7D,'cvml','allenb_young@yahoo.com');> [Super_SID] <
> Super_SID@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','Super_SID@yahoogroups.com');>> wrote:
>
>
>
> Can antenna frame be a box shape instead of crossed sticks? I have an old
> easel that is grooved and would be perfect to wrap wire around, if having
> wires touch the wood all around is not detrimental.
>
>
> Brad
>
>
>

--
-steve

1361. Call for Papers-SARA 2015 Spring Western Conference

Yahoo group: Super_SID
Date: 2014-11-17 17:07:56 UTC
From: WILLIAM & MELINDA LORD
Topic: 1361 Message: 1361

The Society of Amateur Radio Astronomers (SARA) hereby solicits papers for presentation at its 2015 Western Regional Conference, to be held March 20 through March 22, 2015, at Stanford University, California. Papers on radio astronomy hardware, software, education, research strategies, observations and philosophy are welcome.
SARA members or supporters wishing to present a paper should email a letter of intent, including a proposed title and informal abstract or outline to : westernconference_at_radio-astronomy_dot_org, no later than 1 February 2015. Be sure to include your full name, affiliation, postal address, and email address, and indicate your willingness to attend the conference to present your paper.
Submitters will receive an email response, typically within one week. A formal Proceedings will be published for this conference and all presentations can be made available on CD.
Additional information and a schedule can be found on SARA's website:
www.radio-astronomy.org/meetings Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1362. How to Troubleshoot the SuperSID

Yahoo group: Super_SID
Date: 2014-11-21 19:05:10 UTC
From: WILLIAM & MELINDA LORD
Topic: 1362 Message: 1362
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Folks,
We would like to hear from you if you are having problems getting your SuperSID (SSID) up and running. We are here to help.

The two most common problems are:1. Sound Card2. Noise
This e-mail will discuss the sound card issues.

Most computers made after 2008 have high definition sound cards that can sample at 96 kHz. Older computers generally had AC97 sound cards that sampled at 48 kHz. The SuperSID (SSID) software can run on Windows 2000 and newer, so an old computer can work just fine for SSID as long as you have a high definition sound card.

In North and South America, you need a sound card that can sample at 96 kHz. (This is commonly called a High Definition sound card.) This is because the stations available for us to monitor, can only be picked up above 20 kHz. Other areas of the world can usually get by with the older AC97 sound card.
If your SSID program looks like the picture below, you are only sampling at 48 kHz. (Here is an example from a SSID user).
After installing the newest driver for his sound card, he started collecting good data as shown below:The following are additional troubleshooting questions that might help you:
Do you have more than one sound cardon this machine? If yes, unplug anythingin the sound card that is not being used for the SuperSID (SSID) What is the color of the port on thesound card you are plugged into? Are youplugged into “line-In” (blue jack) or “microphone” Go to StartControl PanelSounds and Audio Devices Click on the middle tabat the top "Audio" In the middle of thisbox "Sound Recording" What is showing as the Default device??? This should match the plug you areusing. I.e “Line-In” if in blue jackClick on Volume (below the Default device) What do you see here??? It should be on thehighest (loudest) volume
Another note, if you have a web camera that is connectedby a USB plug to this computer,unplug the USB web cam.This can interfere with the SSID. Also look at pages 63 and 64 of the SuperSID Manual you will find other sound card settings that might help you.

Some people have had very good luck with a small USB sound card like this one
http://www.mcmelectronics.com/product/83-15107Prudent Way USB 2.0 Sound Card | PWI-USB-A71 (PWIUSBA71) | Prudent Way

| |
| | | | | |
| Prudent Way USB 2.0 Sound Card | PWI-USB-A71 (PWIUSBA71) | Prudent WayOrder USB 2.0 Sound Card - PWI-USB-A71 online from MCM Electronics. Manufactured by prudent way. MCM part number 83-15107. |
| |
| View on www.mcmelectronics.com | Preview by Yahoo |
| |
| |

You are welcome to contact us for additional help.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1363. Antenna Shape

Yahoo group: Super_SID
Date: 2014-11-22 16:08:13 UTC
From: akroes@...
Topic: 1363 Message: 1363

I am prepping my location in anticipation of receiving my SuperSID unit and have been reading up on antenna styles to use for this. I have read through the antenna manual supplied here, and apparently just about anything set up even close to what is shown in the manual will work, which is great! But am wondering with the real practical experience of the folks that have set them up before tells us anything else?

I am planning the 'larger with less wraps' version to maximize sensitivity, but does the shape have any effect at all? Does a round or hexagonal shape versus the square design impact the signal in an appreciable way? What about height off the ground - I see for a lot of the other style antennae for other radio projects it is extremely important, but no mention of it here, so I assume not?

I am looking for any small ways that I can improve the design/results. I have construction/woodworking/welding/electrical skills and live on a 10-acre farm outside of town, so I can do or set up just about anything I want!

Thanks for your help, I am looking forward to contributing something useful here someday

Tony

1364. 'Tuning' an antenna?

Yahoo group: Super_SID
Date: 2014-11-22 21:00:18 UTC
From: akroes@...
Topic: 1364 Message: 1364

I have seen some references online to 'tuning' antenna for receiving a specific frequency by using various capacitors. Is this necessary? Does it help (at all? a little bit?). Is it not needed with the SuperSID because we are looking at a range of frequencies, not just one?

Most references to the SuperSID antenna don't mention this, but this 'build it yourself' (as opposed to buying the SuperSID receiver from SARA) info from the AAVSO does:

http://www.aavso.org/simple-easy-build-sid-receiver
http://www.aavso.org/simple-easy-build-sid-receiver

Any thoughts?

1365. Re: [Super_SID] 'Tuning' an antenna?

Yahoo group: Super_SID
Date: 2014-11-23 01:18:30 UTC
From: WILLIAM & MELINDA LORD
Topic: 1364 Message: 1365

The AAVSO receiver monitors a single frequency so they go to the extra work of tuning the antenna.
The SuperSID can monitor several frequencies simultaneously, so you would have to pick one and tune.

Actually tuning is more important in transmitting than receiving. Remember back in the day when you broke your car antenna, you got a wire coat hanger and straightened it out and used that? You could receive radio stations with out a properly turned/cut antenna. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Saturday, November 22, 2014 3:00 PM
Subject: [Super_SID] 'Tuning' an antenna?

I have seen some references online to 'tuning' antenna for receiving a specific frequency by using various capacitors. Is this necessary? Does it help (at all? a little bit?). Is it not needed with the SuperSID because we are looking at a range of frequencies, not just one?

Most references to the SuperSID antenna don't mention this, but this 'build it yourself' (as opposed to buying the SuperSID receiver from SARA) info from the AAVSO does:

http://www.aavso.org/simple-easy-build-sid-receiver

Any thoughts?

<!--

1366. Re: [Super_SID] Antenna Shape

Yahoo group: Super_SID
Date: 2014-11-23 01:35:25 UTC
From: WILLIAM & MELINDA LORD
Topic: 1363 Message: 1366

The SuperSID was designed to work with a one square meter antenna. For most people this is plenty sensitive. The square shape is easy for most anyone to build, but if you look in the appendix of the SSID Manual (pages 50 to 54) you will see a variety of antenna designed by students.
If you build a larger antenna, you still need about 24 wraps of wire. We built an 8 ft octagon antenna and it took 720 ft of wire. We honestly do not see any real advantage, at least for our location.
The antenna can be kept indoors or outside. We have our antenna in the basement.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Saturday, November 22, 2014 10:08 AM
Subject: [Super_SID] Antenna Shape

  I am prepping my location in anticipation of receiving my SuperSID unit and have been reading up on antenna styles to use for this. I have read through the antenna manual supplied here, and apparently just about anything set up even close to what is shown in the manual will work, which is great! But am wondering with the real practical experience of the folks that have set them up before tells us anything else?

I am planning the 'larger with less wraps' version to maximize sensitivity, but does the shape have any effect at all? Does a round or hexagonal shape versus the square design impact the signal in an appreciable way? What about height off the ground - I see for a lot of the other style antennae for other radio projects it is extremely important, but no mention of it here, so I assume not?

I am looking for any small ways that I can improve the design/results. I have construction/woodworking/welding/electrical skills and live on a 10-acre farm outside of town, so I can do or set up just about anything I want!

Thanks for your help, I am looking forward to contributing something useful here someday

Tony
<!--

1367. RE: [Super_SID] 'Tuning' an antenna?

Yahoo group: Super_SID
Date: 2014-11-23 02:35:12 UTC
From: Anthony J. Kroes
Topic: 1364 Message: 1367

Awesome – thanks! Exactly the info I was looking for.

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, November 22, 2014 7:19 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] 'Tuning' an antenna?

The AAVSO receiver monitors a single frequency so they go to the extra work of tuning the antenna.

The SuperSID can monitor several frequencies simultaneously, so you would have to pick one and tune.

Actually tuning is more important in transmitting than receiving. Remember back in the day when you broke your car antenna, you got a wire coat hanger and straightened it out and used that? You could receive radio stations with out a properly turned/cut antenna.

Bill & Melinda Lord
www.tnSkyNet.com <http://www.tnSkyNet.com>
www.radio-astronomy.org <http://www.radio-astronomy.org>

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "akroes@... [Super_SID] <mailto:akroes@...%20[Super_SID]> "
<Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Sent: Saturday, November 22, 2014 3:00 PM
Subject: [Super_SID] 'Tuning' an antenna?

I have seen some references online to 'tuning' antenna for receiving a specific frequency by using various capacitors. Is this necessary? Does it help (at all? a little bit?). Is it not needed with the SuperSID because we are looking at a range of frequencies, not just one?

Most references to the SuperSID antenna don't mention this, but this 'build it yourself' (as opposed to buying the SuperSID receiver from SARA) info from the AAVSO does:

http://www.aavso.org/simple-easy-build-sid-receiver

Any thoughts?

1368. RE: [Super_SID] Antenna Shape

Yahoo group: Super_SID
Date: 2014-11-23 02:41:38 UTC
From: Anthony J. Kroes
Topic: 1363 Message: 1368

Just checking. Good to know it really doesn't make any difference. Sometimes the 'do it yourself' stuff is really dumbed down so that truly *anyone* can do it, and there is usually something lost in the process. Glad that isn't the case here.

Thanks, looking forward to my order arriving so I can build something!

Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, November 22, 2014 7:35 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Antenna Shape

The SuperSID was designed to work with a one square meter antenna. For most people this is plenty sensitive. The square shape is easy for most anyone to build, but if you look in the appendix of the SSID Manual (pages 50 to 54) you will see a variety of antenna designed by students.

If you build a larger antenna, you still need about 24 wraps of wire. We built an 8 ft octagon antenna and it took 720 ft of wire. We honestly do not see any real advantage, at least for our location.

The antenna can be kept indoors or outside. We have our antenna in the basement.

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www.radio-astronomy.org <http://www.radio-astronomy.org>

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From: "akroes@... [Super_SID] <mailto:akroes@...%20[Super_SID]> "
<Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Sent: Saturday, November 22, 2014 10:08 AM
Subject: [Super_SID] Antenna Shape

I am prepping my location in anticipation of receiving my SuperSID unit and have been reading up on antenna styles to use for this. I have read through the antenna manual supplied here, and apparently just about anything set up even close to what is shown in the manual will work, which is great! But am wondering with the real practical experience of the folks that have set them up before tells us anything else?

I am planning the 'larger with less wraps' version to maximize sensitivity, but does the shape have any effect at all? Does a round or hexagonal shape versus the square design impact the signal in an appreciable way? What about height off the ground - I see for a lot

of the other style antennae for other radio projects it is extremely important, but no mention of it here, so I assume not?

I am looking for any small ways that I can improve the design/results. I have construction/woodworking/welding/electrical skills and live on a 10-acre farm outside of town, so I can do or set up just about anything I want!

Thanks for your help, I am looking forward to contributing something useful here someday

Tony

1369. Re: [Super_SID] 'Tuning' an antenna?

Yahoo group: Super_SID
Date: 2014-11-23 02:44:10 UTC
From: Marcus D. Leech
Topic: 1364 Message: 1369

On 11/22/2014 08:18 PM, WILLIAM & MELINDA LORD ap_guardian@...
[Super_SID] wrote:
> The AAVSO receiver monitors a single frequency so they go to the extra
> work of tuning the antenna.
>
> The SuperSID can monitor several frequencies simultaneously, so you
> would have to pick one and tune.
>
> Actually tuning is more important in transmitting than receiving.
> Remember back in the day when you broke your car antenna, you got a
> wire coat hanger and straightened it out and used that? You could
> receive radio stations with out a properly turned/cut antenna.
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
Having receiving antenna that are *at least vaguely* tuned is also still
important. You achieve maximum sensitivity into your receiver when the
antenna terminal impedance matches the transmission line, which in
turn matches the impedance of your receiver. Factor in also the
radiation efficiency of the antenna itself.

In the quoted situation (broken car FM antenna) it is the case that
there's generally a *lot* of 'margin' on commercial broadcast-band
signals, so
even with a fairly bad antenna you can get decent signals.

Now, what *is* true is that higher impedance mismatches in receive
antennae are more "tolerable" than in TX situations, since a mis-matched
antenna in a transmit situation means loss of precious power (in
reflections along the transmission line) or even, in some situations, damage
to the transmitter.

1370. RE: [Super_SID] 'Tuning' an antenna?

Yahoo group: Super_SID
Date: 2014-11-23 03:39:59 UTC
From: Anthony J. Kroes
Topic: 1364 Message: 1370

That makes sense as good general information, but how or what do I do to apply your information to making my antenna?

Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, November 22, 2014 8:44 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] 'Tuning' an antenna?

On 11/22/2014 08:18 PM, WILLIAM & MELINDA LORD ap_guardian@... <mailto:ap_guardian@...> [Super_SID] wrote:

The AAVSO receiver monitors a single frequency so they go to the extra work of tuning the antenna.

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antenna in a transmit situation means loss of precious power (in reflections along the transmission line) or even, in some situations, damage
to the transmitter.

1371. Re: [Super_SID] 'Tuning' an antenna?

Yahoo group: Super_SID
Date: 2014-11-23 03:45:50 UTC
From: Marcus D. Leech
Topic: 1364 Message: 1371

On 11/22/2014 10:39 PM, 'Anthony J. Kroes' akroes@... [Super_SID]
wrote:
>
> That makes sense as good general information, but how or what do I do
> to apply your information to making my antenna?
>
> Tony
>
Wind a few turns (10-20) of #18 wire on a 1m square form, add or
subtract turns to peak up the signals you're interested in.

> *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Saturday, November 22, 2014 8:44 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] 'Tuning' an antenna?
>
> On 11/22/2014 08:18 PM, WILLIAM & MELINDA LORD ap_guardian@...
> <mailto:ap_guardian@...> [Super_SID] wrote:
>
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> The SuperSID can monitor several frequencies simultaneously, so
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> could receive radio stations with out a properly turned/cut antenna.
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> still important. You achieve maximum sensitivity into your receiver
> when the
> antenna terminal impedance matches the transmission line, which in
> turn matches the impedance of your receiver. Factor in also the
> radiation efficiency of the antenna itself.
>
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> there's generally a *lot* of 'margin' on commercial broadcast-band
> signals, so
> even with a fairly bad antenna you can get decent signals.

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> Now, what *is* true is that higher impedance mismatches in receive
> antennae are more "tolerable" than in TX situations, since a mis-matched
> antenna in a transmit situation means loss of precious power (in
> reflections along the transmission line) or even, in some situations,
> damage
> to the transmitter.
>
>

1372. RE: [Super_SID] 'Tuning' an antenna?

Yahoo group: Super_SID
Date: 2014-11-23 04:15:38 UTC
From: Anthony J. Kroes
Topic: 1364 Message: 1372

But for each test, you have to attach the coax to the antenna to pick up the signal. Can you do that with the rest of the spool still rolled up and unused (i.e. just tap into the line) or do you need to cut it, then splice more back in if you need more turns? Does splicing in more degrade the signal at each connection? Is that why people tune with capacitors instead?

I would think that for a project like this, there are certain frequencies we are looking for, and therefore a formula or practical pattern we can follow regarding a shape and a certain gauge of wire (i.e a 1M square antenna of 18 ga wire will need 47 turns while you only need 39 if you use 20 ga wire, etc.). Apparently not?

Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, November 22, 2014 9:46 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] 'Tuning' an antenna?

On 11/22/2014 10:39 PM, 'Anthony J. Kroes' akroes@... <mailto:akroes@...> [Super_SID] wrote:

That makes sense as good general information, but how or what do I do to apply your information to making my antenna?

Tony

Wind a few turns (10-20) of #18 wire on a 1m square form, add or subtract turns to peak up the signals you're interested in.

From: Super_SID@yahoogroups.com <mailto:Super_SID@...m> [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, November 22, 2014 8:44 PM
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Subject: Re: [Super_SID] 'Tuning' an antenna?

On 11/22/2014 08:18 PM, WILLIAM & MELINDA LORD ap_guardian@... <mailto:ap_guardian@...> [Super_SID] wrote:

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The SuperSID can monitor several frequencies simultaneously, so you would have to pick one and tune.

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Now, what *is* true is that higher impedance mismatches in receive antennae are more "tolerable" than in TX situations, since a mis-matched
antenna in a transmit situation means loss of precious power (in reflections along the transmission line) or even, in some situations, damage
to the transmitter.

1373. Super_SID

Yahoo group: Super_SID
Date: 2014-11-23 15:11:21 UTC
From: Ignacy J. Justyna
Topic: 1363 Message: 1373

Group

I am experiencing crashes with my installation of Super SID. I have not experience issues previously but recently a dialog box comes up with something like a Python runtime error execution. When I close the dialog box Super SID also closes and I have to restart. The crashes are now frequent..within 1 or 2 days of running, I am using an old Dimension L1000R tower with Win XP and a 96K sound card installed.

Anyone have a suggestion about this problem?At this point I am thinking that I should re-install Super Sid but not sure that will solve the issue.

Thanks and I would appreciate any advice.

Ig Justyna

1374. Re: [Super_SID] Super_SID

Yahoo group: Super_SID
Date: 2014-11-23 16:17:21 UTC
From: WILLIAM & MELINDA LORD
Topic: 1363 Message: 1374

You can try a BETA version of the software.

http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe
http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe.sha-256

When you click on the link (or copy and paste to your browser) your computer will ask if you want to download. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "'Ignacy J. Justyna' ijustyna@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Sunday, November 23, 2014 9:11 AM
Subject: [Super_SID] Super_SID

☐Group I am experiencing crashes with my installation of Super SID. I have not experience issues previously but recently a dialog box comes up with something like a Python runtime error execution. When I close the dialog box Super SID also closes and I have to restart. The crashes are now frequent..within 1 or 2 days of running, I am using an old Dimension L1000R tower with Win XP and a 96K sound card installed. Anyone have a suggestion about this problem?At this point I am thinking that I should re-install Super Sid but not sure that will solve the issue. Thanks and I would appreciate any advice. Ig Justyna

1375. Re: [Super_SID] Super_SID

Yahoo group: Super_SID
Date: 2014-11-23 16:24:57 UTC
From: Steve Berl
Topic: 1363 Message: 1375

Knowing what the Python runtime error is might be helpful also.

On Sunday, November 23, 2014, WILLIAM & MELINDA LORD ap_guardian@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> You can try a BETA version of the software.
>
> http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe
>
> http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe.sha-256
>
> When you click on the link (or copy and paste to your browser) your
> computer will ask if you want to download.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ---
> *From:* "'Ignacy J. Justyna' ijustyna@...
> <javascript:_e(%7B%7D,'cvml','ijustyna@...');> [Super_SID]" <
> Super_SID@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','Super_SID@yahoogroups.com');>>
> *To:* Super_SID@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','Super_SID@yahoogroups.com');>
> *Sent:* Sunday, November 23, 2014 9:11 AM
> *Subject:* [Super_SID] Super_SID
>
>
> □
> Group
>
> I am experiencing crashes with my installation of Super SID. I have not
> experience issues previously but recently a dialog box comes up
> with something like a Python runtime error execution. When I close the
> dialog box Super SID also closes and I have to restart. The crashes are now
> frequent..within 1 or 2 days of running, I am using an old Dimension L1000R
> tower with Win XP and a 96K sound card installed.
>

> Anyone have a suggestion about this problem?At this point I am thinking
> that I should re-install Super Sid but not sure that will solve the issue.
>
> Thanks and I would appreciate any advice.
>
> lg Justyna
>
>
>
>

--
-steve

1376. USB Sound Card link

Yahoo group: Super_SID
Date: 2014-11-23 16:29:30 UTC
From: WILLIAM & MELINDA LORD
Topic: 1376 Message: 1376

Hi Folks,It was pointed out to me that the link I sent was not going to the USB sound card. Here is a good line for the Prudent Way PWI-USB A71
http://3btech.net/prwaypwexusb.html Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org
Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1377. Re: [Super_SID] Super_SID

Yahoo group: Super_SID
Date: 2014-11-24 14:24:20 UTC
From: Ignacy J. Justyna
Topic: 1363 Message: 1377

Thank you for the suggestions. I'll run the current version until (if) it crashes to capture the error information. After that, I'll try the beta version.

----- Original Message -----
From: Steve Berl steveberl@gmail.com [Super_SID]
To: Super_SID@yahoogroups.com
Sent: Sunday, November 23, 2014 11:24 AM
Subject: Re: [Super_SID] Super_SID

Knowing what the Python runtime error is might be helpful also.

On Sunday, November 23, 2014, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

You can try a BETA version of the software.

http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe
http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe.sha-256

When you click on the link (or copy and paste to your browser) your computer will ask if you want to download.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

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From: "'Ignacy J. Justyna' ijustyna@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Sunday, November 23, 2014 9:11 AM
Subject: [Super_SID] Super_SID

☐
Group

I am experiencing crashes with my installation of Super SID. I have not experience issues previously but recently a dialog box comes up with something like a Python runtime error execution. When I close the dialog box Super SID also closes and I have to restart. The crashes are now frequent..within 1 or 2 days of running, I am using an old Dimension L1000R tower with Win XP and a 96K sound card installed.

Anyone have a suggestion about this problem?At this point I am thinking that I should re-install Super Sid but not sure that will solve the issue.

Thanks and I would appreciate any advice.

Ig Justyna

--
-steve

1378. Msvcp71

Yahoo group: Super_SID
Date: 2014-11-28 10:56:33 UTC
From: MARJAN Marbouti
Topic: 1378 Message: 1378

Dear friendsI am Marjan Marbouti, PhD student in Physics from Amirkabir University.I've received a set of Super SID.I want to install Super sid program, but I have a problem when I run supersid.exe, there is one error that it said: (The program can't start because MSVCP71.dll is missing) but there is just in my folder MSVCR71.dll.....Can you guide me?Cheers ----------
Marjan Marbouti
PhD student
email: marjanmarbouti@...
Department of Energy Engineering and Physics
Amirkabir University of Technology
424 Hafez street, Tehran, Iran

Postal code:15875-4413

1379. Re: [Super_SID] Msvcp71

Yahoo group: Super_SID
Date: 2014-11-28 15:20:01 UTC
From: WILLIAM & MELINDA LORD
Topic: 1378 Message: 1379
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Marjan,
Helpfulinformation about missing .dll file and how to fix it. I askedthis to our Microsoft Expert this morning and we spent this morning to findthis and how to get this via an official mean. The thing is a S-library whichis normally redistributed via programs compiled with visualC++ 2003 vc7.1 andapparently always have been a pain. Lot of oldmachines do have it because it came with old patches or applications but sincemy XP is pretty bare and reinstalled
recently the thing is missing. To make a long story short there is a (more orless) official way to get it(*) because the run time environment of a patch tothe time zone contains it. Turns out this patch is outdated and refused toinstall itself. Grrr!

So finally we gave in, got three versions from three different sites whichoffer downloadable dll's. We were a bit worried that they might contain virusand other malware but all three are the same size, date, etc. and have passed thrutwo different malware scanners.

So yes, dumping this in \windows\system32 makes it stop complaining. If youwant I can send you the version I use in case others need it, but it is likelylying around on some Microsoft powered box near you.

(*) <http://code.msdn.microsoft.com/KB932298/Release/ProjectReleases.aspx?ReleaseId=762>

(**) <http://social.msdn.microsoft.com/Forums/en-US/vcgeneral/thread/f6220619-3999-4489-ba5f-09d38dfaefcf> Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "MARJAN Marbouti marjanmarbouti@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, November 28, 2014 5:56 AM
Subject: [Super_SID] Msvcp71

  Dear friendsI am Marjan Marbouti, PhD student in Physics from Amirkabir University.I've received a set of Super SID.I want to install Super sid program, but I have a problem when I run supersid.exe, there is one error that it said: (The program can't start because MSVCP71.dll is missing) but there is just in my folder MSVCR71.dll.....Can you guide me?Cheers ----------
Marjan Marbouti
PhD student
email: marjanmarbouti@...
Department of Energy Engineering and Physics
Amirkabir University of Technology
424 Hafez street, Tehran, Iran

Postal code:15875-4413 <!--

1380. Re: [Super_SID] Msvcp71

Yahoo group: Super_SID
Date: 2014-11-28 14:23:37 UTC
From: Bhaskar Chaudhary
Topic: 1378 Message: 1380

Hi Marjan Marbouti

Where have you placed the dll file ?

I had a similar problem. I had initially placed the file in the same folder as supersid.exe and it did not work. If you are on Windows try copy- pasting the MSVCP71.dll in C:/windows/system32 folder and this should hopefully sort out the issue.

rgds
Bhaskar Chaudhary

On 11/28/14, MARJAN Marbouti marjanmarbouti@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
> Dear friendsI am Marjan Marbouti, PhD student in Physics from Amirkabir
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> Marjan Marbouti
> PhD student
> email: marjanmarbouti@...
> Department of Energy Engineering and Physics
> Amirkabir University of Technology
> 424 Hafez street, Tehran, Iran
>
>
> Postal code:15875-4413

1381. 2015 SARA Annual Conference Call for Papers

Yahoo group: Super_SID
Date: 2014-11-28 15:52:11 UTC
From: epsilonlyrae2000@...
Topic: 1381 Message: 1381

Green Bank, WV National Radio Astronomy Observatory (NRAO), USA

The Society of Amateur Radio Astronomers (SARA) solicits papers for presentation at its 2015 Annual Conference to be held 21 June - 24 June 2015.
Sunday 21 June, will start with an introduction to Radio Astronomy at the Science Center classroom, followed by learning to operate the forty foot radio telescope (1,420 MHz (21 cm). Presentations by SARA members and guests are scheduled on Monday and Tuesday. A High Tech tour of the NRAO facility will be conducted on Tuesday 23 June.

Papers are welcome on subjects directly related to radio astronomy including hardware, software, education and tutorials, research strategies, observations and data collection and philosophy. SARA members and supporters wishing to present a paper should email a letter of intent, including a proposed title and abstract to the conference coordinator at vicepres@radio-astronomy. org no later than 6 April 2015. Draft of papers are due 20 April and final versions of the papers due no later than 4 May Be sure to include your full name, affiliation, postal address, and email address, and indicate your willingness to attend the conference to present your paper. Submitters will receive an email response, typically within one week. Guidelines for presenter papers are located at:http://radio-astronomy.org/ pdf/guidelines-submitting- papers.pdf http://radio-astronomy.org/pdf/guidelines-submitting-papers.pdf Formal printed Proceedings will be published for this conference and all presentations can be made available on CD.

1382. Re: [Super_SID] Msvcp71

Yahoo group: Super_SID
Date: 2014-11-28 14:39:04 UTC
From: STAN IRWIN
Topic: 1378 Message: 1382

Marjan -

I had that problem as well. What you have to do is do a search for the MSVCR71.dll file on your computer, copy it, and then paste it to the same directory as your SuperSID. That should fix the problem.

If you can not find it on your computer, try another Windows computer with the same operating system version.

Stan Irwin

From: "MARJAN Marbouti marjanmarbouti@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, November 28, 2014 4:56 AM
Subject: [Super_SID] Msvcp71

Dear friends
I am Marjan Marbouti, PhD student in Physics from Amirkabir University.I've received a set of Super SID.I want to install Super sid program, but I have a problem when I run supersid.exe, there is one error that it said: (The program can't start because MSVCP71.dll is missing) but there is just in my folder MSVCR71.dll.....
Can you guide me?
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PhD student
email: marjanmarbouti@yahoo.com
Department of Energy Engineering and Physics
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424 Hafez street, Tehran, Iran

Postal code:15875-4413

1383. Saving Data Files

Yahoo group: Super_SID
Date: 2014-12-04 15:56:47 UTC
From: akroes@...
Topic: 1383 Message: 1383

I just finished building my antenna and will be firing up my SuperSID system for the first time later today. As I am looking through the manual, it seems like once things are running the software itself saves a separate data file for each day in the data folder, is that correct?

Also, if I have the 'automatic_upload' set to 'yes' in the config file, I obviously need a live internet connection, but when and how often does that software send out that data? The manual is a bit thin on info about this.

Thanks,

Tony

1384. Re: [Super_SID] Saving Data Files

Yahoo group: Super_SID
Date: 2014-12-04 21:46:18 UTC
From: WILLIAM & MELINDA LORD
Topic: 1383 Message: 1384

Yes the software saves your data at the end of day UTC.

The program will send the files shortly thereafter if you have it set to send and have internet connection.

Data can be sent manually. If you need instructions for this let us know.

Sent from Yahoo Mail on Android

1385. RE: [Super_SID] Saving Data Files

Yahoo group: Super_SID
Date: 2014-12-05 01:56:31 UTC
From: Anthony J. Kroes
Topic: 1383 Message: 1385

So if I want to see my data for a 'day', I may need to take two consecutive days and concatenate them to catch a full sunrise to sunset period for my location? For example, I live in Wisconsin, USA, Central time zone, so 0:00 UTC is at 7pm for me in summer with daylight savings time. My daily file would end there and then the rest of the daylight hours for that day (as well as all of that night and most of the next day) would be in the next file?

Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Thursday, December 04, 2014 3:46 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Saving Data Files

Yes the software saves your data at the end of day UTC.

The program will send the files shortly thereafter if you have it set to send and have internet connection.

Data can be sent manually. If you need instructions for this let us know.

Sent from Yahoo Mail on Android
<https://overview.mail.yahoo.com/mobile/?.src=Android>

From:"akroes@... [Super_SID] <mailto:akroes@...%20[Super_SID]>
" <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
Date:Thu, Dec 4, 2014 at 9:56 AM
Subject:[Super_SID] Saving Data Files

I just finished building my antenna and will be firing up my SuperSID system for the first time later today. As I am looking through the manual, it seems like once things are running the software itself saves a separate data file for each day in the data folder, is that correct?

Also, if I have the 'automatic_upload' set to 'yes' in the config file, I obviously need a live internet connection, but when and how often does that software send out that data? The manual is a bit thin on info about this.

Thanks,

Tony

1386. Re: RE: [Super_SID] Saving Data Files

Yahoo group: Super_SID
Date: 2014-12-05 02:14:19 UTC
From: WILLIAM & MELINDA LORD
Topic: 1383 Message: 1386

Yes if sunset is after 00 UTC it will be on the next day's files. Right now you should be able to see sunrise/sunset in a single data file.

Sent from Yahoo Mail on Android

1387. RE: RE: [Super_SID] Saving Data Files

Yahoo group: Super_SID
Date: 2014-12-05 03:02:38 UTC
From: Anthony J. Kroes
Topic: 1383 Message: 1387

Yep – dark by 5pm around here right now!

Thanks for the info!

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Thursday, December 04, 2014 8:14 PM
To: Super_SID@yahoogroups.com
Subject: Re: RE: [Super_SID] Saving Data Files

Yes if sunset is after 00 UTC it will be on the next day's files. Right now you should be able to see sunrise/sunset in a single data file.

Sent from Yahoo Mail on Android <https://overview.mail.yahoo.com/mobile/?.src=Android>

From:"'Anthony J. Kroes' akroes@... <mailto:akroes@...> [Super_SID]"
<Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
Date:Thu, Dec 4, 2014 at 7:56 PM
Subject:RE: [Super_SID] Saving Data Files

So if I want to see my data for a ‘day’, I may need to take two consecutive days and concatenate them to catch a full sunrise to sunset period for my location? For example, I live in Wisconsin, USA, Central time zone, so 0:00 UTC is at 7pm for me in summer with daylight savings time. My daily file would end there and then the rest of the daylight hours for that day (as well as all of that night and most of the next day) would be in the next file?

Tony

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[mailto:Super_SID@yahoogroups.com]
Sent: Thursday, December 04, 2014 3:46 PM
To: Super_SID@yahoogroups.com <mailto:Super_SID@...m>
Subject: Re: [Super_SID] Saving Data Files

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Data can be sent manually. If you need instructions for this let us know.

Sent from Yahoo Mail on Android <https://overview.mail.yahoo.com/mobile/?.src=Android>

From:"akroes@... [Super_SID] <mailto:akroes@netnet.net%20[Super_SID]> "
<Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
Date:Thu, Dec 4, 2014 at 9:56 AM
Subject:[Super_SID] Saving Data Files

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Thanks,

Tony

1388. It's Alive! - First Light - long post, lots of questions

Yahoo group: Super_SID
Date: 2014-12-05 19:47:57 UTC
From: akroes@...
Topic: 1388 Message: 1388
Attachments: 2 described; binary payloads are missing from this source WARC

Well, after a few sound card issues (I think the first one was dead) the SuperSID is up and running. I am seeing a jagged line with several sharp peaks in the center, and although the line itself bounces around, the peaks stay there all the time. Pictures are attached of the running SuperSID software as well the 1M^2 antenna (30 wraps of 24ga wire) I built. Currently testing in the middle of my kitchen as my wife is away for a few days - I will need to move it to a spare room upstairs later or risk arousing spousal ire!

Now for the questions - The manual says that I can click on the peak and "the program should show the transmitting station's call letters". Where do those show ? I can see the frequency and signal strength change on the bottom status bar of the software, but no identifiers except the ones listed on the far left part of the status bar show - and they don't change when I click, although the numbers associated with each do change each time the graph updates. But those numbers don't correlate with anything I am seeing directly on my graph for signal strength - is this a S/N ratio meter? That would make sense....

I have two very tall, thin peaks, and when the antenna is turned just right (E-W orientation) I can see a smaller peak in between them (see attachment). The small peak has signal strength of 1 or 2 and is centered on 24000. According to the SuperSID manual, that should be NAA in Cutler, ME (This shows as NAA=1 on the status bar all the time.)

My 'better' two signals don't match anything in the list of VLF stations in the manual exactly - how far off might they be? Is there some sort of 'doppler shift' that might cause the signal to wander, or am I just picking up stations that are not on the list? The hyperlink in the manual for a 'current' list brings back a 'server not found' error. Can someone here help me? Here is what I am seeing:

The peak to the right has a signal strength of 45-50 and is at about frequency 24600. The closest frequency on the list is Jim Creek, WA, "NLK" at 24800 - is that the one I am seeing? The status bar lists NLK, and this number changes between 10 and 14, Side question: If this is NLK, why is it off 200, and why is it so much stronger than NAA when NAA is closer to me and is transmitting with 1000 kHz of power when NLK is farther way and transmitting with only 250 kHz?

My strongest peak (signal strength 250-280) is centered on frequency 23350. Nothing on the status bar except NLK shows anything higher than a '1', so I am guessing this is not one of those as it is my strongest signal.I do see a listing for a station 'DHO' in Germany at frequency 23400 - could I be picking them up here in Wisconsin (over the pole?)

Also - what signal strength (or S/N ratio if that's what the numbers at the bottom are) is 'good'? And what is the lowest I should be bothering to look at?

Thanks in advance for the help - I am very excited that things are working so smoothly and that I am picking up signal already.

Tony

1389. Re: It's Alive! - First Light - long post, lots of questions

Yahoo group: Super_SID
Date: 2014-12-05 20:05:39 UTC
From: akroes@...
Topic: 1388 Message: 1389

Just answered part of my own question. Regarding my signal at 24600 - it *is* NLK, there is a typo in the SuperSID manual that shows NLK as 24800. According to a couple of VLF articles I read online, 24600 is NLK from Seattle, WA and 24800 is NLF from Arlington, WA.

1390. Re: [Super_SID] It's Alive! - First Light - long post, lots of questions [2 Attachments]

Yahoo group: Super_SID
Date: 2014-12-06 16:20:15 UTC
From: WILLIAM & MELINDA LORD
Topic: 1388 Message: 1390

Hi Tony,
The spectrum looks nice, not it is not getting data. NAA signal strength should be 100,000 or more typically, not 1. Verify where the SuperSID is plugged in (line-in or mic-in), the volume is set to max and no other devices are plugged into any sound cards on your system. Also, no USB webcams plugged in.
Check that antenna connections are snug. Verify the loop antenna wire and coax is connected to the black connector block as shown on page 18 figure 7 of the SuperSID manual. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, December 5, 2014 1:47 PM
Subject: [Super_SID] It's Alive! - First Light - long post, lots of questions [2 Attachments]

  [Attachment(s) from akroes@... [Super_SID] included below] Well, after a few sound card issues (I think the first one was dead) the SuperSID is up and running. I am seeing a jagged line with several sharp peaks in the center, and although the line itself bounces around, the peaks stay there all the time. Pictures are attached of the running SuperSID software as well the 1M^2 antenna (30 wraps of 24ga wire) I built. Currently testing in the middle of my kitchen as my wife is away for a few days - I will need to move it to a spare room upstairs later or risk arousing spousal ire!

Now for the questions - The manual says that I can click on the peak and "the program should show the transmitting station's call letters". Where do those show ? I can see the frequency and signal strength change on the bottom status bar of the software, but no identifiers except the ones listed on the far left part of the status bar show - and they don't change when I click, although the numbers associated with each do change each time the graph updates. But those numbers don't correlate with anything I am seeing directly on my graph for signal strength - is this a S/N ratio meter? That would make sense....

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My 'better' two signals don't match anything in the list of VLF stations in the manual exactly - how far off might they be? Is there some sort of 'doppler shift' that might cause the signal to wander, or am I just picking up stations that are not on the list? The hyperlink in the manual for a 'current' list brings back a 'server not found' error. Can someone here help me? Here is what I am seeing:

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Also - what signal strength (or S/N ratio if that's what the numbers at the bottom are) is 'good'? And what is the lowest I should be bothering to look at?
Thanks in advance for the help - I am very excited that things are working so smoothly and that I am picking up signal already.
Tony
<!--

1391. RE: [Super_SID] It's Alive! - First Light - long post, lots of questions

Yahoo group: Super_SID
Date: 2014-12-06 22:21:38 UTC
From: Anthony J. Kroes
Topic: 1388 Message: 1391
Attachments: 1 described; binary payloads are missing from this source WARC

I had a feeling I had a problem when I checked it at dawn this morning and all I saw was NAA with a signal strength of about 5….

So, I checked all connections. Antenna has continuity from terminal to terminal, connections at the junction block are per the manual (pic attached) . Coax tests good with continuity through both pos and neg, but not across (i.e. no shorts). Voltmeter on antenna terminals shows .1 mV. Coax connected solidly to SuperSID, SuperSID connected to USB port and 'Line-In' (blue port) of sound card properly. 'Line-In' of sound card is set as recording device and 'level' is set to 100. Microphone disabled. Speakers disconnected from sound card. No USB devices of any kind (not even mouse) attached – only the SuperSID.

Any other ideas to check? I had only a couple small (signal 15 or less) peaks all day today…. :((NAA, NLK, GYA)

Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, December 06, 2014 10:20 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] It's Alive! - First Light - long post, lots of questions

Hi Tony,

The spectrum looks nice, not it is not getting data. NAA signal strength should be 100,000 or more typically, not 1. Verify where the SuperSID is plugged in (line-in or mic-in), the volume is set to max and no other devices are plugged into any sound cards on your system. Also, no USB webcams plugged in.

Check that antenna connections are snug. Verify the loop antenna wire and coax is connected to the black connector block as shown on page 18 figure 7 of the SuperSID manual.

Bill & Melinda Lord
www.tnSkyNet.com <http://www.tnSkyNet.com>
www.radio-astronomy.org <http://www.radio-astronomy.org>

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From: "akroes@netnet.net [Super_SID] <mailto:akroes@...%20[Super_SID]> "
<Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Sent: Friday, December 5, 2014 1:47 PM
Subject: [Super_SID] It's Alive! - First Light - long post, lots of questions [2 Attachments]

Well, after a few sound card issues (I think the first one was dead) the SuperSID is up and running. I am seeing a jagged line with several sharp peaks in the center, and although the line itself bounces around, the peaks stay there all the time. Pictures are attached of the running SuperSID software as well the 1M^2 antenna (30 wraps of 24ga wire) I built. Currently testing in the middle of my kitchen as my wife is away for a few days - I will need to move it to a spare room upstairs later or risk arousing spousal ire!

Now for the questions - The manual says that I can click on the peak and "the program should show the transmitting station's call letters". Where do those show ? I can see the frequency and signal strength change on the bottom status bar of the software, but no identifiers except the ones listed on the far left part of the status bar show - and they don't change when I click, although the numbers associated with each do change each time the graph updates. But those numbers don't correlate with anything I am seeing directly on my graph for signal strength - is this a S/N ratio meter? That would make sense....

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My 'better' two signals don't match anything in the list of VLF stations in the manual exactly - how far off might they be? Is there some sort of 'doppler shift' that might cause the signal to wander, or am I just picking up stations that are not on the list? The hyperlink in the manual for a 'current' list brings back a 'server not found' error. Can someone here help me? Here is what I am seeing:

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My strongest peak (signal strength 250-280) is centered on frequency 23350. Nothing on the status bar except NLK shows anything higher than a '1', so I am guessing this is not one of those as it is my strongest signal.I do see a listing for a station 'DHO' in Germany at frequency 23400 - could I be picking them up here in Wisconsin (over the pole?)

Also - what signal strength (or S/N ratio if that's what the numbers at the bottom are) is 'good'? And what is the lowest I should be bothering to look at?

Thanks in advance for the help - I am very excited that things are working so smoothly and that I am picking up signal already.

Tony

1392. RE: [Super_SID] It's Alive! - First Light - long post, lots of questions

Yahoo group: Super_SID
Date: 2014-12-06 22:42:15 UTC
From: Anthony J. Kroes
Topic: 1388 Message: 1392
Attachments: 4 described; binary payloads are missing from this source WARC

PS I can get three different graphs based on 1> everything connected, 2> disconnect coax from SuperSID, and 3> unplug SuperSID from sound card. Pics of each attached

Also – I found an additional (like the third one) 48 vs 96 setting on the sound card properties and my graph changed to look like attachment #4.

Any ideas?

From: Super_SID@...m [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, December 06, 2014 10:20 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] It's Alive! - First Light - long post, lots of questions

Hi Tony,

The spectrum looks nice, not it is not getting data. NAA signal strength should be 100,000 or more typically, not 1. Verify where the SuperSID is plugged in (line-in or mic-in), the volume is set to max and no other devices are plugged into any sound cards on your system. Also, no USB webcams plugged in.

Check that antenna connections are snug. Verify the loop antenna wire and coax is connected to the black connector block as shown on page 18 figure 7 of the SuperSID manual.

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<Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Sent: Friday, December 5, 2014 1:47 PM
Subject: [Super_SID] It's Alive! - First Light - long post, lots of questions [2 Attachments]

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1393. Re: [Super_SID] It's Alive! - First Light - long post, lots of questions [4 Attachments]

Yahoo group: Super_SID
Date: 2014-12-06 23:01:33 UTC
From: WILLIAM & MELINDA LORD
Topic: 1388 Message: 1393

You have a USB powered unit. You might change where the USB is plugged into the computer in case you have a bad USB port. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "'Anthony J. Kroes' akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Saturday, December 6, 2014 4:42 PM
Subject: RE: [Super_SID] It's Alive! - First Light - long post, lots of questions [4 Attachments]

[Attachment(s) from Anthony J. Kroes included below] PS I can get three different graphs based on 1> everything connected, 2> disconnect coax from SuperSID, and 3> unplug SuperSID from sound card. Pics of each attached Also – I found an additional (like the third one) 48 vs 96 setting on the sound card properties and my graph changed to look like attachment #4. Any ideas?

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Sent: Saturday, December 06, 2014 10:20 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] It's Alive! - First Light - long post, lots of questions Hi Tony, The spectrum looks nice, not it is not getting data. NAA signal strength should be 100,000 or more typically, not 1. Verify where the SuperSID is plugged in (line-in or mic-in), the volume is set to max and no other devices are plugged into any sound cards on your system. Also, no USB webcams plugged in. Check that antenna connections are snug. Verify the loop antenna wire and coax is connected to the black connector block as shown on page 18 figure 7 of the SuperSID manual. Bill & Melinda Lord
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1394. RE: [Super_SID] It's Alive! - Maybe fixed?

Yahoo group: Super_SID
Date: 2014-12-06 23:12:32 UTC
From: Anthony J. Kroes
Topic: 1394 Message: 1394
Attachments: 1 described; binary payloads are missing from this source WARC

Here’s something interesting. I disabled the SoundBlaster Audigy, re-enabled the onboard sound (it’s HD), move the SuperSID to the onboard Line-in, and once again made the line-in the default recording device with a level of 100, 96 sampling (same as the other card) and I get the attached graph. *Exact* same graph peak-wise, but check out the signal strengths – up by 20db! This give me a reading for NAA of over 100,000 like you said it should have. Does this look right now? Any idea what would cause that? I don’t care if I use the SoundBlaster or not, I just want to understand what is going on….

Bottom line – does this (#5) graph look right, and if it does, should I be changing my config to monitor/record the peaks for the strongest stations I see here? I see 2400, and 24800 (although Wikipedia still doe slist that as NLF, not NLK which they say is at 34600) but most of the other peaks I see are not on the VLF list in the SuperSID manual.

What do you think?

.

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, December 06, 2014 10:20 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] It's Alive! - First Light - long post, lots of questions

Hi Tony,

The spectrum looks nice, not it is not getting data. NAA signal strength should be 100,000 or more typically, not 1. Verify where the SuperSID is plugged in (line-in or mic-in), the volume is set to max and no other devices are plugged into any sound cards on your system. Also, no USB webcams plugged in.

Check that antenna connections are snug. Verify the loop antenna wire and coax is connected to the black connector block as shown on page 18 figure 7 of the SuperSID manual.

Bill & Melinda Lord
www.tnSkyNet.com <http://www.tnSkyNet.com>
www.radio-astronomy.org <http://www.radio-astronomy.org>

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "akroes@... [Super_SID] <mailto:akroes@...%20[Super_SID]> "
<Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Sent: Friday, December 5, 2014 1:47 PM
Subject: [Super_SID] It's Alive! - First Light - long post, lots of questions [2 Attachments]

Well, after a few sound card issues (I think the first one was dead) the SuperSID is up and running. I am seeing a jagged line with several sharp peaks in the center, and although the line itself bounces around, the peaks stay there all the time. Pictures are attached of the running SuperSID software as well the 1M^2 antenna (30 wraps of 24ga wire) I built. Currently testing in the middle of my kitchen as my wife is away for a few days - I will need to move it to a spare room upstairs later or risk arousing spousal ire!

Now for the questions - The manual says that I can click on the peak and "the program should show the transmitting station's call letters". Where do those show ? I can see the frequency and signal strength change on the bottom status bar of the software, but no identifiers except the ones listed on the far left part of the status bar show - and they don't change when I click, although the numbers associated with each do change each time the graph updates. But those numbers don't correlate with anything I am seeing directly on my graph for signal strength - is this a S/N ratio meter? That would make sense....

I have two very tall, thin peaks, and when the antenna is turned just right (E-W orientation) I can see a smaller peak in between them (see attachment). The small peak has signal strength of 1 or 2 and is centered on 24000. According to the SuperSID manual, that should be NAA in Cutler, ME (This shows as NAA=1 on the status bar all the time.)

My 'better' two signals don't match anything in the list of VLF stations in the manual exactly - how far off might they be? Is there some sort of 'doppler shift' that might cause the signal to wander, or am I just picking up stations that are not on the list? The hyperlink in the manual for a 'current' list brings back a 'server not found' error. Can someone here help me? Here is what I am seeing:

The peak to the right has a signal strength of 45-50 and is at about frequency 24600. The closest frequency on the list is Jim Creek, WA, "NLK" at 24800 - is that the one I am seeing? The status bar lists NLK, and this number changes between 10 and 14, Side question: If this is NLK, why is it off 200, and why is it so much stronger than NAA when NAA is closer to me and is transmitting with 1000 kHz of power when NLK is farther way and transmitting with only 250 kHz?

My strongest peak (signal strength 250-280) is centered on frequency 23350. Nothing on the status bar except NLK shows anything higher than a '1', so I am guessing this is not one of those as it is my strongest signal.I do see a listing for a station 'DHO' in Germany at frequency 23400 - could I be picking them up here in Wisconsin (over the pole?)

Also - what signal strength (or S/N ratio if that's what the numbers at the bottom are) is 'good'? And what is the lowest I should be bothering to look at?

Thanks in advance for the help - I am very excited that things are working so smoothly and that I am picking up signal already.

Tony

1395. Re: RE: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment]

Yahoo group: Super_SID
Date: 2014-12-07 01:34:21 UTC
From: WILLIAM & MELINDA LORD
Topic: 1394 Message: 1395

Yes this looks much better. Collect data for a couple of days and plot the data. Then you can see which stations you want to continue monitoring and change the config accordingly.

Sent from Yahoo Mail on Android

1396. Re: [Super_SID] It's Alive! - Maybe fixed?

Yahoo group: Super_SID
Date: 2014-12-07 01:11:43 UTC
From: Brad Young
Topic: 1394 Message: 1396
Attachments: 1 described; binary payloads are missing from this source WARC

Please see attached. Explanation by separate email.
Brad Young
<!--

1397. RASDR

Yahoo group: Super_SID
Date: 2014-12-07 16:50:32 UTC
From: WILLIAM & MELINDA LORD
Topic: 1397 Message: 1397

Radio Astronomy Software Defined Radio (RASDR) is an Open Hardware project undertaken by members of the Society of Amateur Radio Astronomers(SARA) to develop a low cost, high performance software defined receiver for use by SARA members. More information can be found at Radio Astronomy Software Defined Radio (RASDR) | Society of Amateur Radio Astronomers

| |
| | | | | | | |
| Radio Astronomy Software Defined Radio (RASDR) | Soci...An update of the RASDR project will be presented. The paper demonstrates Windows control of the RASDR system. |
| |
| View on www.radio-astrono... | Preview by Yahoo |
| |
| |

For those interested in securing a RASDR, there are three ways to pay your deposit:
You can mail a check payable to: Society of Amateur Radio Astronomers (SARA) to 2189 Redwood Ave, Washington, IA 52353
or go to www.PayPal.com and send money to treasurer@...
or use a credit card
Go to https://squareup.com/market/society-of-amateur-radio-astronomers
The deposit is $100. I will send confirmation of receipt of money.
Melinda Lord. SARA Treasurer
  Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1398. RE: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment]

Yahoo group: Super_SID
Date: 2014-12-07 17:23:27 UTC
From: Anthony J. Kroes
Topic: 1394 Message: 1398

Thanks, Brad – I'll check my plots later tonight to see if they look anything similar. At least I have a good signal strength for NAA now (nearly 200,000 instead of 2) so that is promising. Nothing else looks anywhere near as strong, but I do have some small spikes that are steady in the 4-digit strength range (3500, 5200, etc.) is that normal?

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, December 06, 2014 7:12 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment]

[Attachment(s) from Brad Young allenb_young@... <mailto:allenb_young@...> [Super_SID] included below]

Please see attached. Explanation by separate email.

Brad Young

1399. Re: RE: [Super_SID] It's Alive! - Maybe fixed?

Yahoo group: Super_SID
Date: 2014-12-07 17:29:37 UTC
From: WILLIAM & MELINDA LORD
Topic: 1394 Message: 1399

Those are low signal strengths. But what really matters is the difference between the noise floor and the signal. The greater this is, the better.

Sent from Yahoo Mail on Android

1400. RASDR2 Receiver - Cost

Yahoo group: Super_SID
Date: 2014-12-07 18:07:28 UTC
From: STAN IRWIN
Topic: 1400 Message: 1400

Thanks for the information on the deposit for the RASDR2 receiver. Do you have a projected (final) cost for the receiver?

Thanks -

Stan Irwin

1401. Re: [Super_SID] RASDR2 Receiver - Cost

Yahoo group: Super_SID
Date: 2014-12-07 18:47:28 UTC
From: WILLIAM & MELINDA LORD
Topic: 1400 Message: 1401

The team is projecting around $500 for the unit and are hoping to have them by next summer.

Sent from Yahoo Mail on Android

1402. RE: RE: [Super_SID] It's Alive! - Maybe fixed?

Yahoo group: Super_SID
Date: 2014-12-07 21:42:07 UTC
From: Anthony J. Kroes
Topic: 1394 Message: 1402
Attachments: 1 described; binary payloads are missing from this source WARC

And how does one improve on that? How do we lower the floor? My floor sits currently at about 25 dB. The section above 30000 drops below 20 before steadily rising again. Attached is a screenshot from this afternoon for critique – this is as good as I can get it with the cabling uncoiled and the antenna orientation tweaked. But there is improvement to be made somehow, I am sure.

I have read through the manual appendix F on noise, and also viewed the PowerPoint presentation on SuperSID noise sources that is posted on the website. The light bulb for the room, and the computer with a flat-screen monitor (not CRT) are the only things using electricity within the recommended 10'-15' radius of keeping noisy things away – including down to the rooms below that one. No microwave in regular use, no fluorescent lights except a couple in the basement (two floors away) nearest electrical transformer is about 150' away on the power pole by the street, and my closest neighbor's house is at least 200' away (and the rest *much* farther - I love living in the country!)

Regarding the coax, the manual says "Shorter cable gives a better signal and picks up fewer noises along the way" – how much of a length change makes a noticeable difference? Are we talking 25' is better than 30', or do we need something more dramatic like 30' is better than 300' before a shorter cable gives a better signal?. My PC is only a few feet away from the antenna here in the house, but I am using the supplied 30' RG58 – should I shorten this?

The manual also says "Do not loop extra cable near the computer" or it can act as another antenna. I had a 'loose pile' of cable (not an organized coil) near the computer, so I stretched it out and draped it around the room – that definitely made an significant change to the signal – a couple of short peaks noticeably improved (DHO jumped from 5000 to 250,000) and the over 'jaggedyness' of the spectrum smoothed a bit.

Any other ideas or suggestions would be appreciated.

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Sunday, December 07, 2014 11:30 AM
To: Super_SID@yahoogroups.com
Subject: Re: RE: [Super_SID] It's Alive! - Maybe fixed?

Those are low signal strengths. But what really matters is the difference between the noise floor and the signal. The greater this is, the better.

<https://overview.mail.yahoo.com/mobile/?.src=Android> Sent from Yahoo Mail on Android

From:"'Anthony J. Kroes' <mailto:akroes@...> akroes@... [Super_SID]" <
<mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com>
Date:Sun, Dec 7, 2014 at 11:23 AM
Subject:RE: [Super_SID] It's Alive! - Maybe fixed?

Thanks, Brad – I'll check my plots later tonight to see if they look anything similar. At least I have a good signal strength for NAA now (nearly 200,000 instead of 2) so that is promising. Nothing else looks anywhere near as strong, but I do have some small spikes that are steady in the 4-digit strength range (3500, 5200, etc.) is that normal?

From: <mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com [
<mailto:Super_SID@yahoogroups.com> mailto:Super_SID@yahoogroups.com]
Sent: Saturday, December 06, 2014 7:12 PM
To: <mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com
Subject: Re: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment]

[Attachment(s) from Brad Young <mailto:allenb_young@...> allenb_young@... [Super_SID] included below]

Please see attached. Explanation by separate email.

Brad Young

1403. Re: RE: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment]

Yahoo group: Super_SID
Date: 2014-12-07 22:48:09 UTC
From: WILLIAM & MELINDA LORD
Topic: 1394 Message: 1403

Your chart looks good. The noise floor varies at every location. Yours looks pretty quiet overall. The only way to lower it is to reduce noise sources as much as possible. In today's electronic world, that is difficult. We are in the country with a neighbor that has electric fencing. We can "see" when it is on by the additional noise signature in the chart.
One way to track noise within your control is to turn everything off except the SuperSID computer and monitor. When everything else is off, is there any improvement? If yes, try turning one item at a time back on and then wait a minute and see if there is a change in your chart. When you see a change, that is your culprit.
If there is no improvement when you turn everything off, then the noise is from outside sources you can not control.
The 30 ft of coax is a good length. It can be shorter but we find this is a reasonable length for most locations.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "'Anthony J. Kroes' akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Sunday, December 7, 2014 3:42 PM
Subject: RE: RE: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment]

  [Attachment(s) from Anthony J. Kroes included below] And how does one improve on that? How do we lower the floor? My floor sits currently at about 25 dB. The section above 30000 drops below 20 before steadily rising again. Attached is a screenshot from this afternoon for critique – this is as good as I can get it with the cabling uncoiled and the antenna orientation tweaked. But there is improvement to be made somehow, I am sure. I have read through the manual appendix F on noise, and also viewed the PowerPoint presentation on SuperSID noise sources that is posted on the website. The light bulb for the room, and the computer with a flat-screen monitor (not CRT) are the only things using electricity within the recommended 10’-15’ radius of keeping noisy things away – including down to the rooms below that one. No microwave in regular use, no fluorescent lights except a couple in the basement (two floors away) nearest electrical transformer is about 150’ away on the power pole by the street, and my closest neighbor’s house is at least 200’ away (and the rest *much* farther - I love living in the country!) Regarding the coax, the manual says “Shorter cable gives a better signal and picks up fewer noises along the way” – how much of a length change makes a noticeable difference? Are we talking 25’ is better than 30’, or do we need something more dramatic like 30’ is better than 300’ before a shorter cable gives a better signal?. My PC is only a few feet away from the antenna here in the house, but I am using the supplied 30’ RG58 – should I shorten this? The manual also says “Do not loop extra cable near the computer” or it can act as another antenna. I had a ‘loose pile’ of cable (not an organized coil) near the computer, so I stretched it out and draped it around the room – that definitely made an significant change to the

signal – a couple of short peaks noticeably improved (DHO jumped from 5000 to 250,000) and the over ‘jaggedyness’ of the spectrum smoothed a bit. Any other ideas or suggestions would be appreciated.

From: Super_SID@yahoogroups.com [mailto:Super_SID@...m]
Sent: Sunday, December 07, 2014 11:30 AM
To: Super_SID@yahoogroups.com
Subject: Re: RE: [Super_SID] It's Alive! - Maybe fixed?
| Those are low signal strengths. But what really matters is the difference between the noise floor and the signal. The greater this is, the better. Sent from Yahoo Mail on Android
| From:"'Anthony J. Kroes' akroes@...t [Super_SID]" <Super_SID@yahoogroups.com>
Date:Sun, Dec 7, 2014 at 11:23 AM
Subject:RE: [Super_SID] It's Alive! - Maybe fixed? Thanks, Brad – I’ll check my plots later tonight to see if they look anything similar. At least I have a good signal strength for NAA now (nearly 200,000 instead of 2) so that is promising. Nothing else looks anywhere near as strong, but I do have some small spikes that are steady in the 4-digit strength range (3500, 5200, etc.) is that normal? From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, December 06, 2014 7:12 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment] [Attachment(s) from Brad Young allenb_young@... [Super_SID] included below] Please see attached. Explanation by separate email. Brad Young |

|

1404. Re: RE: [Super_SID] It's Alive! - Maybe fixed?

Yahoo group: Super_SID
Date: 2014-12-08 00:16:24 UTC
From: Brad Young
Topic: 1394 Message: 1404

I'm sorry I am confused about which user you are replying to?

Sent from Yahoo Mail for iPhone (https://overview.mail.yahoo.com?.src=iOS)

At Dec 7, 2014, 4:48:09 PM, WILLIAM & MELINDA LORD ap_guardian@...m [Super_SID]<'Super_SID@yahoogroups.com'> wrote:

Your chart looks good. The noise floor varies at every location. Yours looks pretty quiet overall. The only way to lower it is to reduce noise sources as much as possible. In today's electronic world, that is difficult. We are in the country with a neighbor that has electric fencing. We can "see" when it is on by the additional noise signature in the chart.

One way to track noise within your control is to turn everything off except the SuperSID computer and monitor. When everything else is off, is there any improvement? If yes, try turning one item at a time back on and then wait a minute and see if there is a change in your chart. When you see a change, that is your culprit.

If there is no improvement when you turn everything off, then the noise is from outside sources you can not control.

The 30 ft of coax is a good length. It can be shorter but we find this is a reasonable length for most locations.

Bill & Melinda Lord
www.tnSkyNet.com (http://www.tnSkyNet.com)
www.radio-astronomy.org (http://www.radio-astronomy.org)

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "'Anthony J. Kroes' akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Sunday, December 7, 2014 3:42 PM
Subject: RE: RE: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment]

[Attachment(s) (https://us-mg6.mail.yahoo.com/neo/launch?.rand=7bc367u4ck5un#TopText) from Anthony J. Kroes included below]

And how does one improve on that? How do we lower the floor? My floor sits currently at about 25 dB. The section above 30000 drops below 20 before steadily rising again. Attached is a screenshot from this afternoon for critique – this is as good as I can get it with the cabling uncoiled and the antenna orientation tweaked. But there is improvement to be made somehow, I am sure.

I have read through the manual appendix F on noise, and also viewed the PowerPoint presentation on SuperSID noise sources that is posted on the website. The light bulb for the room, and the computer with a flat-screen monitor (not CRT) are the only things using

electricity within the recommended 10’-15’ radius of keeping noisy things away – including down to the rooms below that one. No microwave in regular use, no fluorescent lights except a couple in the basement (two floors away) nearest electrical transformer is about 150’ away on the power pole by the street, and my closest neighbor’s house is at least 200’ away (and the rest *much* farther - I love living in the country!)

Regarding the coax, the manual says “Shorter cable gives a better signal and picks up fewer noises along the way” – how much of a length change makes a noticeable difference? Are we talking 25’ is better than 30’, or do we need something more dramatic like 30’ is better than 300’ before a shorter cable gives a better signal?. My PC is only a few feet away from the antenna here in the house, but I am using the supplied 30’ RG58 – should I shorten this?

The manual also says “Do not loop extra cable near the computer” or it can act as another antenna. I had a ‘loose pile’ of cable (not an organized coil) near the computer, so I stretched it out and draped it around the room – that definitely made an significant change to the signal – a couple of short peaks noticeably improved (DHO jumped from 5000 to 250,000) and the over ‘jaggedyness’ of the spectrum smoothed a bit.

Any other ideas or suggestions would be appreciated.

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Sunday, December 07, 2014 11:30 AM
To: Super_SID@yahoogroups.com
Subject: Re: RE: [Super_SID] It's Alive! - Maybe fixed?

Those are low signal strengths. But what really matters is the difference between the noise floor and the signal. The greater this is, the better.
Sent from Yahoo Mail on Android (https://overview.mail.yahoo.com/mobile/?.src=Android)
From:"'Anthony J. Kroes' akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Sun, Dec 7, 2014 at 11:23 AM
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Thanks, Brad – I’ll check my plots later tonight to see if they look anything similar. At least I have a good signal strength for NAA now (nearly 200,000 instead of 2) so that is promising. Nothing else looks anywhere near as strong, but I do have some small spikes that are steady in the 4-digit strength range (3500, 5200, etc.) is that normal?

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, December 06, 2014 7:12 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment]

[Attachment(s) (https://us-mg6.mail.yahoo.com/neo/launch?.rand=7bc367u4ck5un#TopText) from Brad Young allenb_young@... [Super_SID] included below]
Please see attached. Explanation by separate email.

Brad Young

1405. Re: RE: [Super_SID] It's Alive! - Maybe fixed?

Yahoo group: Super_SID
Date: 2014-12-08 01:15:16 UTC
From: WILLIAM & MELINDA LORD
Topic: 1394 Message: 1405

Charts that were posted by akroes.

Sent from Yahoo Mail on Android

1406. RE: RE: [Super_SID] It's Alive! - Maybe fixed?

Yahoo group: Super_SID
Date: 2014-12-08 18:04:46 UTC
From: Anthony J. Kroes
Topic: 1394 Message: 1406

I'll try that. Thanks for the idea.

Also, I see some stations seems good/strong in the morning, and some later in the day, as well as good signals showing up over the evening. How do you approach the fact that some stations are in daylight when I am not, and vice-versa. Doesn't that mess up the sunrise-sunset pattern I am trying to see in my plotted graphs? I understand that working if I am in Vermont and am monitoring NAA in Maine, If I am in Wisconsin, picking up Germany and Seattle, WA, where do I work in 'sunrise'? It looks like it really doesn't matter what time it is at my location, but the location of the spot in the sky that will be reflecting the signal to get it from source to me. Am I looking at that correctly?

Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Sunday, December 07, 2014 4:48 PM
To: Super_SID@yahoogroups.com
Subject: Re: RE: [Super_SID] It's Alive! - Maybe fixed?

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From: "'Anthony J. Kroes' akroes@... <mailto:akroes@...> [Super_SID]"
<Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
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Subject: RE: RE: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=7bc367u4ck5un#TopText> Attachment(s) from Anthony J. Kroes included below]

And how does one improve on that? How do we lower the floor? My floor sits currently at about 25 dB. The section above 30000 drops below 20 before steadily rising again. Attached is a screenshot from this afternoon for critique – this is as good as I can get it with the cabling uncoiled and the antenna orientation tweaked. But there is improvement to be made somehow, I am sure.

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The manual also says "Do not loop extra cable near the computer" or it can act as another antenna. I had a 'loose pile' of cable (not an organized coil) near the computer, so I stretched it out and draped it around the room – that definitely made an significant change to the signal – a couple of short peaks noticeably improved (DHO jumped from 5000 to 250,000) and the over 'jaggedyness' of the spectrum smoothed a bit.

Any other ideas or suggestions would be appreciated.

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[mailto:Super_SID@yahoogroups.com]
Sent: Sunday, December 07, 2014 11:30 AM
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Subject: Re: RE: [Super_SID] It's Alive! - Maybe fixed?

Those are low signal strengths. But what really matters is the difference between the noise floor and the signal. The greater this is, the better.

<https://overview.mail.yahoo.com/mobile/?.src=Android> Sent from Yahoo Mail on Android

From:"'Anthony J. Kroes' akroes@... <mailto:akroes@...> [Super_SID]"
<Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
Date:Sun, Dec 7, 2014 at 11:23 AM
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Sent: Saturday, December 06, 2014 7:12 PM
To: <mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com
Subject: Re: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=7bc367u4ck5un#TopText> Attachment(s) from Brad Young <mailto:allenb_young@yahoo.com> allenb_young@... [Super_SID] included below]

Please see attached. Explanation by separate email.

Brad Young

1407. Re: RE: [Super_SID] It's Alive! - Maybe fixed?

Yahoo group: Super_SID
Date: 2014-12-08 22:32:46 UTC
From: WILLIAM & MELINDA LORD
Topic: 1394 Message: 1407

This might help. It is an earlier reply from Deborah Scherrer at Stanford when asked about sunrise/sunset terminator.

I asked Morris Cohen, one of our colleagues in EE about the day/night terminator issue. Morris actually designed the AWESOME instrument. Here's what he had to say:

"Most of the reason for the more gradual transition at sunrise/sunset is that it takes some amount of time for the sun to sweep horizontally over the entire path (or, more accurately, for the Earth to rotate around). For two sites that are separated by 30 degrees in longitude, it takes about 2 hours. A secondary effect is the fact that the sun sets (rises) at 70 km before (after) it sets (rises) at 85 km, so the day/night terminator also sweeps upward (downward), and this process takes roughly a few minutes. Usually the first effect is much longer, unless you have the day/night terminator perfectly aligned with the transmitter-receiver path.

[this was in response to someone else's question, but I'll leave it here for you to read:] To first order, the suggestions of an earthquake-induced disturbance revolve around an increase in ionization, which lowers the reflection height at nighttime (but not daytime). In principle, this means the difference between night and day narrows, though it's probably only in a small patch. This doesn't affect the time it takes for the first effect, but has a slight effect (<1 minute) on the second effect, and would decrease that delay time. However, the actual shape of the terminator in the data has more to do with reflections at the day/night boundary. These reflected waves propagate backwards and form a standing wave with the incoming wave (http://en.wikipedia.org/wiki/Standing_wave). As the day/night transmitter moves away (or toward) the receiver site, what you see is basically the temporal pattern of that standing wave (roughly sinusoidal). And that's dependent on the angle of the transmitter-receiver path to the terminator, the length of the path, the VLF frequency, AND the change in the ionosphere. If the path is along the terminator, you won't see the standing wave. If it's east-west, you'll see it a lot. To first order, though, reducing the difference between day and night should reduce the reflection at the boundary, which would lower the amplitude of the standing wave, thus decreasing the apparent delay times?"

Hope this helps! Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "'Anthony J. Kroes' akroes@netnet.net [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Monday, December 8, 2014 12:04 PM
Subject: RE: RE: [Super_SID] It's Alive! - Maybe fixed?

  I'll try that. Thanks for the idea.   Also, I see some stations seems good/strong in the morning, and some later in the day, as well as good signals showing up over the evening.

How do you approach the fact that some stations are in daylight when I am not, and vice-versa. Doesn't that mess up the sunrise-sunset pattern I am trying to see in my plotted graphs? I understand that working if I am in Vermont and am monitoring NAA in Maine, If I am in Wisconsin, picking up Germany and Seattle, WA, where do I work in 'sunrise'? It looks like it really doesn't matter what time it is at my location, but the location of the spot in the sky that will be reflecting the signal to get it from source to me. Am I looking at that correctly? Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Sunday, December 07, 2014 4:48 PM
To: Super_SID@yahoogroups.com
Subject: Re: RE: [Super_SID] It's Alive! - Maybe fixed? Your chart looks good. The noise floor varies at every location. Yours looks pretty quiet overall. The only way to lower it is to reduce noise sources as much as possible. In today's electronic world, that is difficult. We are in the country with a neighbor that has electric fencing. We can "see" when it is on by the additional noise signature in the chart. One way to track noise within your control is to turn everything off except the SuperSID computer and monitor. When everything else is off, is there any improvement? If yes, try turning one item at a time back on and then wait a minute and see if there is a change in your chart. When you see a change, that is your culprit. If there is no improvement when you turn everything off, then the noise is from outside sources you can not control. The 30 ft of coax is a good length. It can be shorter but we find this is a reasonable length for most locations. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-) From: "'Anthony J. Kroes' akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Sunday, December 7, 2014 3:42 PM
Subject: RE: RE: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment] [Attachment(s) from Anthony J. Kroes included below] And how does one improve on that? How do we lower the floor? My floor sits currently at about 25 dB. The section above 30000 drops below 20 before steadily rising again. Attached is a screenshot from this afternoon for critique – this is as good as I can get it with the cabling uncoiled and the antenna orientation tweaked. But there is improvement to be made somehow, I am sure. I have read through the manual appendix F on noise, and also viewed the PowerPoint presentation on SuperSID noise sources that is posted on the website. The light bulb for the room, and the computer with a flat-screen monitor (not CRT) are the only things using electricity within the recommended 10'-15' radius of keeping noisy things away – including down to the rooms below that one. No microwave in regular use, no fluorescent lights except a couple in the basement (two floors away) nearest electrical transformer is about 150' away on the power pole by the street, and my closest neighbor's house is at least 200' away (and the rest *much* farther - I love living in the country!) Regarding the coax, the manual says "Shorter cable gives a better signal and picks up fewer noises along the way" – how much of a length change makes a noticeable difference? Are we talking 25' is better than 30', or do we need something more dramatic like 30' is better than 300' before a shorter cable gives a better signal?. My PC is only a few feet away from the antenna here in the house, but I am using the supplied 30' RG58 – should I shorten this? The manual also says "Do not loop extra cable near the computer" or it can act as another antenna. I had a 'loose pile' of cable (not an organized coil) near the computer, so I stretched it out and draped it around the room – that definitely made an significant change to the signal – a couple of

short peaks noticeably improved (DHO jumped from 5000 to 250,000) and the over ‘jaggedyness’ of the spectrum smoothed a bit. Any other ideas or suggestions would be appreciated. From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Sunday, December 07, 2014 11:30 AM
To: Super_SID@yahoogroups.com
Subject: Re: RE: [Super_SID] It's Alive! - Maybe fixed?
| Those are low signal strengths. But what really matters is the difference between the noise floor and the signal. The greater this is, the better. Sent from Yahoo Mail on Android
| From:"'Anthony J. Kroes' akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Sun, Dec 7, 2014 at 11:23 AM
Subject:RE: [Super_SID] It's Alive! - Maybe fixed? Thanks, Brad – I’ll check my plots later tonight to see if they look anything similar. At least I have a good signal strength for NAA now (nearly 200,000 instead of 2) so that is promising. Nothing else looks anywhere near as strong, but I do have some small spikes that are steady in the 4-digit strength range (3500, 5200, etc.) is that normal? From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, December 06, 2014 7:12 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] It's Alive! - Maybe fixed? [1 Attachment] [Attachment(s) from Brad Young allenb_young@... [Super_SID] included below] Please see attached. Explanation by separate email. Brad Young |

|

1408. Trying to understand my data

Yahoo group: Super_SID
Date: 2014-12-10 01:04:11 UTC
From: akroes@...
Topic: 1408 Message: 1408
Attachments: 5 described; binary payloads are missing from this source WARC

I have been playing with the data from my SuperSID now for a couple days and am getting very inconsistent results. I have the config file adjusted to monitor my 'best' six signals between 15000 and 35000. I have only two really strong stations within that range (DHO and NAA) but even those seem to vary greatly. I am having trouble seeing any sunrise/sunset pattern and hope someone here can help me troubleshoot.

Attached are some of the plots I got today from my system. I am located in Wisconsin, USA (+44.6, -88.3) . Sunrise for me today was at 13:15 UTC, and sunset was at 22:15 UTC. The graphs don't seem to follow any sort of consistent pattern I can decipher.

Any help would be appreciated.

1409. Re: [Super_SID] Trying to understand my data [6 Attachments]

Yahoo group: Super_SID
Date: 2014-12-10 01:19:24 UTC
From: Steve Berl
Topic: 1408 Message: 1409

Actually, some of those plots look pretty good. NLK, NAA, and GYA all seem to have a consistent sunrise pattern. The spike around 1900 also appears on many other plots at http://sid.stanford.edu/database-browser/.

I'd say things are working.

-steve

On Tue, Dec 9, 2014 at 5:04 PM, akroes@...t [Super_SID] <Super_SID@yahoogroups.com> wrote:

> [Attachment(s) <#14a31b9a84ba4938_TopText> from akroes@...
> [Super_SID] included below]
> I have been playing with the data from my SuperSID now for a couple days
> and am getting very inconsistent results. I have the config file adjusted
> to monitor my 'best' six signals between 15000 and 35000. I have only two
> really strong stations within that range (DHO and NAA) but even those seem
> to vary greatly. I am having trouble seeing any sunrise/sunset pattern and
> hope someone here can help me troubleshoot.
> Attached are some of the plots I got today from my system. I am located
> in Wisconsin, USA (+44.6, -88.3) . Sunrise for me today was at 13:15 UTC,
> and sunset was at 22:15 UTC. The graphs don't seem to follow any sort of
> consistent pattern I can decipher.
> Any help would be appreciated.
>
>
>
>

--
-steve

1410. Help Identifying Stations/Freqs

Yahoo group: Super_SID
Date: 2014-12-10 01:24:25 UTC
From: akroes@...
Topic: 1410 Message: 1410
Attachments: 1 described; binary payloads are missing from this source WARC

I am seeing some nice spikes in my moment-by-moment graph on the SuperSID that are very strong, but they are higher on the scale (above 35000) and sometimes disappear completely in an instant, only to reappear later and stay for a while. They are a bit fatter at the base than the signals from known stations like NAA or DHO. The first one is right on 40000, so might be JJY40? Bu the others are not listed anywhere I could find and in any case are somehwat outside the range we are interested in, or are we?

I have attached a screenshot of my data tonight after sunset showing the big peaks. Any ideas?

Also, how does one identify the source of peaks when they are not listed in the SuperSID manual or any of the many online sources for VLF frequency listings? I have a number of peaks on my graph that I can't seem to find a source station for.

Thanks,

1411. Re: [Super_SID] Trying to understand my data [6 Attachments]

Yahoo group: Super_SID
Date: 2014-12-10 01:31:34 UTC
From: akroes@...
Topic: 1408 Message: 1411

I did notice the sharp drop-off at dawn on the three stations you mention, but the rest of those plots didn't have the smooth sunrise sunset 'wave' that the manual shows. Should I chuck the other three stations and find something better?

As your email came in I was researching the 'peak' at 1900 that you mention. Looks kind of 'shark fin' shaped like the examples in the SuperSID manual - was that a small flare? You are correct - it does show consistently and about equally strong in three of the plots I attached (the same ones that show sunrise).

1412. Re: [Super_SID] Help Identifying Stations/Freqs [1 Attachment]

Yahoo group: Super_SID
Date: 2014-12-10 02:05:54 UTC
From: WILLIAM & MELINDA LORD
Topic: 1410 Message: 1412

Nighttime spikes do not give any useable data that we know of. After the sun sets, the atmosphere is no longer ionized. The SSID can no longer receive signals from the VLF stations.
The other strong spikes you see are likely noise. For fun, you can set the strongest signals in the config file and call them something like NOISE1, NOISE2, etc. Plot them daily and see if you can determine any pattern. I.e. strong all day and cuts off at night, stronger at night (when heater is running) that during the day, etc.
Here is a link of more VLF stations VLF Transmitters ListSince these stations are used by military, they will periodically be shut down for maintenance, etc. but there will not be any public notice. BTW- on the SuperSID Yahoo group site, you can find a lot of good links (like this one) and other helpful documents.

| |
| | | | | | | |
| VLF Transmitters ListObservatory recording Sudden Ionospheric Disturbances (SIDs) resulting from Solar Flares or Gamma Ray Bursts by monitoring signal strength of distant...
|
| |
| View on sidstation.loudet.org | Preview by Yahoo |
| |
| |

  Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, December 9, 2014 8:24 PM
Subject: [Super_SID] Help Identifying Stations/Freqs [1 Attachment]

  [Attachment(s) from akroes@... [Super_SID] included below] I am seeing some nice spikes in my moment-by-moment graph on the SuperSID that are very strong, but they are higher on the scale (above 35000) and sometimes disappear completely in an instant, only to reappear later and stay for a while. They are a bit fatter at the base than the signals from known stations like NAA or DHO. The first one is right on 40000, so might be JJY40? Bu the others are not listed anywhere I could find and in any case are somehwat outside the range we are interested in, or are we?

I have attached a screenshot of my data tonight after sunset showing the big peaks. Any ideas?
Also, how does one identify the source of peaks when they are not listed in the SuperSID manual or any of the many online sources for VLF frequency listings? I have a number of peaks on my graph that I can't seem to find a source station for.

Thanks,
<!--

1413. Re: [Super_SID] Help Identifying Stations/Freqs

Yahoo group: Super_SID
Date: 2014-12-10 02:13:02 UTC
From: Anthony J. Kroes
Topic: 1410 Message: 1413

I guess I'm still trying to get my head wrapped around the fact that even though it's dark here in Wisconsin it is sunny somewhere between here in Japan, therefore can't I receive a signal from there that matters? Or am I looking at that incorrectly? Sent on the new Sprint Network from my Samsung Galaxy S®4.
-------- Original message --------
From: "WILLIAM & MELINDA LORD ap_guardian@yahoo.com [Super_SID]"
Date:12/09/2014 8:05 PM (GMT-06:00)
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Help Identifying Stations/Freqs

Nighttime spikes do not give any useable data that we know of. After the sun sets, the atmosphere is no longer ionized. The SSID can no longer receive signals from the VLF stations. The other strong spikes you see are likely noise. For fun, you can set the strongest signals in the config file and call them something like NOISE1, NOISE2, etc. Plot them daily and see if you can determine any pattern. I.e. strong all day and cuts off at night, stronger at night (when heater is running) that during the day, etc. Here is a link of more VLF stations VLF Transmitters List Since these stations are used by military, they will periodically be shut down for maintenance, etc. but there will not be any public notice. BTW- on the SuperSID Yahoo group site, you can find a lot of good links (like this one) and other helpful documents. VLF Transmitters List Observatory recording Sudden Ionospheric Disturbances (SIDs) resulting from Solar Flares or Gamma Ray Bursts by monitoring signal strength of distant... View on sidstation.loudet.org Preview by Yahoo Bill & Melinda Lord www.tnSkyNet.com www.radio-astronomy.org Light travels faster than sound. This is why some people appear bright until you hear them speak. :-) From: "akroes@netnet.net [Super_SID]" To: Super_SID@yahoogroups.com Sent: Tuesday, December 9, 2014 8:24 PM Subject: [Super_SID] Help Identifying Stations/Freqs [1 Attachment] I am seeing some nice spikes in my moment-by-moment graph on the SuperSID that are very strong, but they are higher on the scale (above 35000) and sometimes disappear completely in an instant, only to reappear later and stay for a while. They are a bit fatter at the base than the signals from known stations like NAA or DHO. The first one is right on 40000, so might be JJY40? Bu the others are not listed anywhere I could find and in any case are somehwat outside the range we are interested in, or are we? I have attached a screenshot of my data tonight after sunset showing the big peaks. Any ideas? Also, how does one identify the source of peaks when they are not listed in the SuperSID manual or any of the many online sources for VLF frequency listings? I have a number of peaks on my graph that I can't seem to find a source station for. Thanks,

1414. Re: [Super_SID] Trying to understand my data

Yahoo group: Super_SID
Date: 2014-12-11 16:39:12 UTC
From: WILLIAM & MELINDA LORD
Topic: 1408 Message: 1414

Hi Tony,Here is a link to GOES data that shows plots for each day that you can compare to what you received.

ftp://ftp.swpc.noaa.gov/pub/warehouse/2014/2014_plots/electron/
Your timing will likely be off a little (that is a Windows issues) but you should be able to correlate what your graph showed to NOAA's.

If you get usable data from 3 stations that is great. Delete the stations that are unreadable. You might not be able to bring in any more, but you certainly can experiment. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, December 9, 2014 8:31 PM
Subject: Re: [Super_SID] Trying to understand my data

I did notice the sharp drop-off at dawn on the three stations you mention, but the rest of those plots didn't have the smooth sunrise sunset 'wave' that the manual shows. Should I chuck the other three stations and find something better?

As your email came in I was researching the 'peak' at 1900 that you mention. Looks kind of 'shark fin' shaped like the examples in the SuperSID manual - was that a small flare? You are correct - it does show consistently and about equally strong in three of the plots I attached (the same ones that show sunrise).

1415. Re: [Super_SID] Trying to understand my data

Yahoo group: Super_SID
Date: 2014-12-11 17:01:02 UTC
From: Anthony J. Kroes
Topic: 1408 Message: 1415

working with that now. Thanks for the info. Looks like there was a consistent little spike in all 3 of my good graphs that also matches the GEOS data at 18:45 on the 9th so I am plotting that to see if it matches up all the way across the board. if it is on all three graphs and there is a spike at exactly the same time the GEOS data I can assume that that's a small flare, correct? Sent on the new Sprint Network from my Samsung Galaxy S®4.
-------- Original message --------
From: "WILLIAM & MELINDA LORD ap_guardian@yahoo.com [Super_SID]"
Date:12/11/2014 10:39 AM (GMT-06:00)
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Trying to understand my data

Hi Tony, Here is a link to GOES data that shows plots for each day that you can compare to what you received. ftp://ftp.swpc.noaa.gov/pub/warehouse/2014/2014_plots/electron/ Your timing will likely be off a little (that is a Windows issues) but you should be able to correlate what your graph showed to NOAA's. If you get usable data from 3 stations that is great. Delete the stations that are unreadable. You might not be able to bring in any more, but you certainly can experiment. Bill & Melinda Lord www.tnSkyNet.com www.radio-astronomy.org Light travels faster than sound. This is why some people appear bright until you hear them speak. :-) From: "akroes@netnet.net [Super_SID]" To: Super_SID@yahoogroups.com Sent: Tuesday, December 9, 2014 8:31 PM Subject: Re: [Super_SID] Trying to understand my data I did notice the sharp drop-off at dawn on the three stations you mention, but the rest of those plots didn't have the smooth sunrise sunset 'wave' that the manual shows. Should I chuck the other three stations and find something better? As your email came in I was researching the 'peak' at 1900 that you mention. Looks kind of 'shark fin' shaped like the examples in the SuperSID manual - was that a small flare? You are correct - it does show consistently and about equally strong in three of the plots I attached (the same ones that show sunrise).

1416. Re: [Super_SID] Trying to understand my data

Yahoo group: Super_SID
Date: 2014-12-11 17:07:16 UTC
From: WILLIAM & MELINDA LORD
Topic: 1408 Message: 1416

Yes, that is correct.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "'Anthony J. Kroes' akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Thursday, December 11, 2014 12:01 PM
Subject: Re: [Super_SID] Trying to understand my data

  working with that now. Thanks for the info. Looks like there was a consistent little spike in all 3 of my good graphs that also matches the GEOS data at 18:45 on the 9th so I am plotting that to see if it matches up all the way across the board. if it is on all three graphs and there is a spike at exactly the same time the GEOS data I can assume that that's a small flare, correct?

Sent on the new Sprint Network from my Samsung Galaxy S®4.

-------- Original message --------From: "WILLIAM MELINDA LORD ap_guardian@... [Super_SID]" Date:12/11/2014 10:39 AM (GMT-06:00) To: Super_SID@yahoogroups.com Subject: Re: [Super_SID] Trying to understand my data
  Hi Tony,Here is a link to GOES data that shows plots for each day that you can compare to what you received.

ftp://ftp.swpc.noaa.gov/pub/warehouse/2014/2014_plots/electron/
Your timing will likely be off a little (that is a Windows issues) but you should be able to correlate what your graph showed to NOAA's.

If you get usable data from 3 stations that is great. Delete the stations that are unreadable. You might not be able to bring in any more, but you certainly can experiment. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, December 9, 2014 8:31 PM
Subject: Re: [Super_SID] Trying to understand my data

  I did notice the sharp drop-off at dawn on the three stations you mention, but the rest of those plots didn't have the smooth sunrise sunset 'wave' that the manual shows. Should I chuck the other three stations and find something better?

As your email came in I was researching the 'peak' at 1900 that you mention. Looks kind of 'shark fin' shaped like the examples in the SuperSID manual - was that a small flare? You are correct - it does show consistently and about equally strong in three of the plots I attached (the same ones that show sunrise).

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1417. RE: [Super_SID] Trying to understand my data

Yahoo group: Super_SID
Date: 2014-12-11 17:10:44 UTC
From: Anthony J. Kroes
Topic: 1408 Message: 1417

Awesome! I'll cut those garbage stations from my config file and see if I can setup the web uploads now that I am getting something worth saving.

Thanks to you guys and everyone else here that gave me advice to get things going properly.

Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Thursday, December 11, 2014 11:07 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Trying to understand my data

Yes, that is correct.

Bill & Melinda Lord
www.tnSkyNet.com <http://www.tnSkyNet.com>
www.radio-astronomy.org <http://www.radio-astronomy.org>

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "'Anthony J. Kroes' akroes@... <mailto:akroes@...> [Super_SID]"
<Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Sent: Thursday, December 11, 2014 12:01 PM
Subject: Re: [Super_SID] Trying to understand my data

working with that now. Thanks for the info. Looks like there was a consistent little spike in all 3 of my good graphs that also matches the GEOS data at 18:45 on the 9th so I am plotting that to see if it matches up all the way across the board. if it is on all three graphs and there is a spike at exactly the same time the GEOS data I can assume that that's a small flare, correct?

Sent on the new Sprint Network from my Samsung Galaxy S®4.

-------- Original message --------

From: "WILLIAM MELINDA LORD ap_guardian@... <mailto:ap_guardian@...> [Super_SID]"

Date:12/11/2014 10:39 AM (GMT-06:00)

To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>

Subject: Re: [Super_SID] Trying to understand my data

Hi Tony,

Here is a link to GOES data that shows plots for each day that you can compare to what you received.

ftp://ftp.swpc.noaa.gov/pub/warehouse/2014/2014_plots/electron/

Your timing will likely be off a little (that is a Windows issues) but you should be able to correlate what your graph showed to NOAA's.

If you get usable data from 3 stations that is great. Delete the stations that are unreadable. You might not be able to bring in any more, but you certainly can experiment.

Bill & Melinda Lord
www.tnSkyNet.com <http://www.tnSkyNet.com>
www.radio-astronomy.org <http://www.radio-astronomy.org>

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "akroes@... [Super_SID] <mailto:akroes@...%20[Super_SID]> "
<Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Sent: Tuesday, December 9, 2014 8:31 PM
Subject: Re: [Super_SID] Trying to understand my data

I did notice the sharp drop-off at dawn on the three stations you mention, but the rest of those plots didn't have the smooth sunrise sunset 'wave' that the manual shows. Should I chuck the other three stations and find something better?

As your email came in I was researching the 'peak' at 1900 that you mention. Looks kind of 'shark fin' shaped like the examples in the SuperSID manual - was that a small flare? You are correct - it does show consistently and about equally strong in three of the plots I attached (the same ones that show sunrise).

1418. Re: [Super_SID] Trying to understand my data

Yahoo group: Super_SID
Date: 2014-12-12 09:23:08 UTC
From: Michael Stephanou
Topic: 1408 Message: 1418

Hi all,

I am using the following graphs (x-ray flux) to check my data, Is that wrong?

http://www.swpc.noaa.gov/products/goes-x-ray-flux
==========

Michael Stephanou
michael.stephanou@...
www.michael-stephanou.com

On Dec 11, 2014, at 18:39, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> Hi Tony,
> Here is a link to GOES data that shows plots for each day that you can compare to what you received.
>
> ftp://ftp.swpc.noaa.gov/pub/warehouse/2014/2014_plots/electron/
>
> Your timing will likely be off a little (that is a Windows issues) but you should be able to correlate what your graph showed to NOAA's.
>
> If you get usable data from 3 stations that is great. Delete the stations that are unreadable. You might not be able to bring in any more, but you certainly can experiment.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> From: "akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
> To: Super_SID@yahoogroups.com
> Sent: Tuesday, December 9, 2014 8:31 PM
> Subject: Re: [Super_SID] Trying to understand my data
>
>
> I did notice the sharp drop-off at dawn on the three stations you mention, but the rest of those plots didn't have the smooth sunrise sunset 'wave' that the manual shows. Should I chuck the other three stations and find something better?
>
> As your email came in I was researching the 'peak' at 1900 that you mention. Looks kind of 'shark fin' shaped like the examples in the SuperSID manual - was that a small flare?

You are correct - it does show consistently and about equally strong in three of the plots I attached (the same ones that show sunrise).
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1419. RE: [Super_SID] Trying to understand my data

Yahoo group: Super_SID
Date: 2014-12-12 17:41:24 UTC
From: Ciprian Sufitchi
Topic: 1408 Message: 1419

That’s a good page to use.
You can also use the text file where you have the real values measured by GOES-15 so you could plot youself that in a spreadsheet together with your monitor data.
Please be aware that the location of the text files at SWPC has changed on 12/9. This is a reliable location:
ftp://ftp.swpc.noaa.gov/pub/lists/xray/
For today use 20141212_Gp_xr_1m.txt.

You can also programatically plot GOES-15 data with your recordings. Here is an example:

http://www.sidruino.com/

Good luck,
Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Friday, December 12, 2014 4:23 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Trying to understand my data

Hi all,

I am using the following graphs (x-ray flux) to check my data, Is that wrong?

http://www.swpc.noaa.gov/products/goes-x-ray-flux
==========

Michael Stephanou
michael.stephanou@...
www.michael-stephanou.com

On Dec 11, 2014, at 18:39, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Hi Tony,
Here is a link to GOES data that shows plots for each day that you can compare to what you received.

ftp://ftp.swpc.noaa.gov/pub/warehouse/2014/2014_plots/electron/

Your timing will likely be off a little (that is a Windows issues) but you should be able to correlate what your graph showed to NOAA's.

If you get usable data from 3 stations that is great. Delete the stations that are unreadable. You might not be able to bring in any more, but you certainly can experiment.

Bill & Melinda Lord
www.tnSkyNet.com

www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "akroes@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, December 9, 2014 8:31 PM
Subject: Re: [Super_SID] Trying to understand my data

I did notice the sharp drop-off at dawn on the three stations you mention, but the rest of those plots didn't have the smooth sunrise sunset 'wave' that the manual shows. Should I chuck the other three stations and find something better?

As your email came in I was researching the 'peak' at 1900 that you mention. Looks kind of 'shark fin' shaped like the examples in the SuperSID manual - was that a small flare? You are correct - it does show consistently and about equally strong in three of the plots I attached (the same ones that show sunrise).

1420. Ever wonder where you SuperSID data goes?

Yahoo group: Super_SID
Date: 2014-12-12 20:17:21 UTC
From: Steve Berl
Topic: 1420 Message: 1420
Attachments: 3 described; binary payloads are missing from this source WARC

Yesterday, Alan Roche and I visited Deborah and Phil Scherrer at Stanford University's HEPL (Hansen Experimental Physics Lab). I got a bit of a tour of the data center in the basement of the building and got to see where all that SuperSID data goes.

Phil is the principle investigator for the HMI (Helioseismic and Magnetic Imaging) instrument on the SDO (Solar Dynamics Observatory).

[image: Inline image 1]

The data for both SuperSID and HMI get archived together into a large tape library, which you can see in the pictures.
[image: Inline image 2]

Most of the data center is involved with receiving and managing the data from SDO, but one rack of gear is devoted to SuperSID data.
[image: Inline image 3]

Enjoy
--
-steve

1421. RE: [Super_SID] Trying to understand my data

Yahoo group: Super_SID
Date: 2014-12-13 01:33:35 UTC
From: Anthony J. Kroes
Topic: 1408 Message: 1421
Attachments: 1 described; binary payloads are missing from this source WARC

With the data from the GEOS website (both the 3-day plot, and the events text file) I was able to confirm a C5.3 strength flare from sunspot group 2230 at 18:47 on 12/9/14. My first full 24-day of recording usable data with the SuperSID and I got one. Cool. Amazing what amateurs today can do with less than $100 in gear when professional scientists 75 years ago hadn't even proven this stuff really existed – it was just a theory. WOW.

I have included as an attachment a section of a larger technical document I am writing detailing my SuperSID efforts (problems, successes, build details, etc.) I would appreciate it if someone would take a look and let me know if my thought process and steps to verify the flare are correct.

Thanks,

Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Friday, December 12, 2014 3:23 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Trying to understand my data

Hi all,

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http://www.swpc.noaa.gov/products/goes-x-ray-flux

==========

Michael Stephanou

<mailto:michael.stephanou@...> michael.stephanou@ymail.com
<http://www.michael-stephanou.com> www.michael-stephanou.com

On Dec 11, 2014, at 18:39, WILLIAM & MELINDA LORD ap_guardian@... <mailto:ap_guardian@...> [Super_SID] <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> > wrote:

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If you get usable data from 3 stations that is great. Delete the stations that are unreadable. You might not be able to bring in any more, but you certainly can experiment.

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Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

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1422. RE: [Super_SID] Trying to understand my data [1 Attachment]

Yahoo group: Super_SID
Date: 2014-12-14 02:42:28 UTC
From: 'Anthony J. Kroes' akroes@netnet.
Topic: 1408 Message: 1422

[Attachment(s) from Anthony J. Kroes included below]

With the data from the GEOS website (both the 3-day plot, and the events text file) I was able to confirm a C5.3 strength flare from sunspot group 2230 at 18:47 on 12/9/14. My first full 24-day of recording usable data with the SuperSID and I got one. Cool. Amazing what amateurs today can do with less than $100 in gear when professional scientists 75 years ago hadn't even proven this stuff really existed – it was just a theory. WOW.

I have included as an attachment a section of a larger technical document I am writing detailing my SuperSID efforts (problems, successes, build details, etc.) I would appreciate it if someone would take a look and let me know if my thought process and steps to verify the flare are correct.

Thanks,

Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Friday, December 12, 2014 3:23 AM
To: Super_SID@...m
Subject: Re: [Super_SID] Trying to understand my data

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http://www.swpc.noaa.gov/products/goes-x-ray-flux

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Michael Stephanou

<mailto:michael.stephanou@...> michael.stephanou@...
<http://www.michael-stephanou.com> www.michael-stephanou.com

On Dec 11, 2014, at 18:39, WILLIAM & MELINDA LORD ap_guardian@... <mailto:ap_guardian@...> [Super_SID] <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> > wrote:

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<http://www.tnskynet.com/> www.tnSkyNet.com
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Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

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1423. GEOS time vs. My time for a flare detection

Yahoo group: Super_SID
Date: 2014-12-15 01:57:50 UTC
From: akroes@...
Topic: 1423 Message: 1423

I see there was a weak M-class flare earlier today (12/14/14) according to the GEOS 3-day graph and the GEOS event log. In the SuperSID data I recorded I see a nice, strong, distinct 'shark-fin' peak on all three of the stations that I am recording (NAA, NLK, GYA) and they all agree on a peak time of 19:21 UTC. The problem is that the GEOS peak is listed in the event log as occurring at 19:33 UTC.
What would cause my timings to all be in agreement with each other, but 12 minutes off from the GEOS timing? My first thought was that the system clock on the PC was off as it is not connected to the Internet or doing any time synching. I checked it and it is only about 35 seconds off of the actual time.
Any thoughts would be appreciated.

Tony

1424. Re: [Super_SID] GEOS time vs. My time for a flare detection

Yahoo group: Super_SID
Date: 2014-12-15 04:33:19 UTC
From: Steve Berl
Topic: 1423 Message: 1424

I have also seen this and wonder about it. Sometimes the SID event seems to lead the X-ray event in time. Why does that happen?

-steve

On Sun, Dec 14, 2014 at 5:57 PM, akroes@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
>
> I see there was a weak M-class flare earlier today (12/14/14) according to
> the GEOS 3-day graph and the GEOS event log. In the SuperSID data I
> recorded I see a nice, strong, distinct 'shark-fin' peak on all three of
> the stations that I am recording (NAA, NLK, GYA) and they all agree on a
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> minutes off from the GEOS timing? My first thought was that the system
> clock on the PC was off as it is not connected to the Internet or doing any
> time synching. I checked it and it is only about 35 seconds off of the
> actual time.
> Any thoughts would be appreciated.
>
> Tony
>
>
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>

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-steve

1425. Re: [Super_SID] GEOS time vs. My time for a flare detection

Yahoo group: Super_SID
Date: 2014-12-15 04:33:49 UTC
From: Talwinder Singh
Topic: 1423 Message: 1425

Hi

I think that in your case, You are looking at the time when flux peak was noticed by GOES. But flares can last for about 1 hour and ionospheric disturbance starts much earlier than the peak flux is recorded by goes. This will explain the time difference.

Hope this helps.

Talwinder
On 15 Dec 2014 07:27, "akroes@... [Super_SID]" <
Super_SID@yahoogroups.com> wrote:
>
>
>
> I see there was a weak M-class flare earlier today (12/14/14) according to the GEOS 3-day graph and the GEOS event log. In the SuperSID data I recorded I see a nice, strong, distinct 'shark-fin' peak on all three of the stations that I am recording (NAA, NLK, GYA) and they all agree on a

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> Any thoughts would be appreciated.
>
> Tony
>
>
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1426. RE: [Super_SID] GEOS time vs. My time for a flare detection

Yahoo group: Super_SID
Date: 2014-12-15 15:59:05 UTC
From: Anthony J. Kroes
Topic: 1423 Message: 1426

Very helpful, Talwinder, that’s what I was hoping to hear.

Does this occur this way on all disturbances? Is the time difference consistent with any known properties or variables (flare strength, position of transmitter or SID station compared to what part of the Earth was pointing toward the sun at the time, etc.) or is it random/variable and unique per flare?

For example, on the flare I saw and recorded on 12/9 (strength C5.3) my timings and GEOS max flux time were off by 1 minute, where the one on 12/14 (strength M1.6) was off by 12. Both happened within an hour of the same time of day, and the GEOS timings were later in both cases, as you mention, Talwinder.

Thanks,

Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Sunday, December 14, 2014 10:34 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] GEOS time vs. My time for a flare detection

Hi

I think that in your case, You are looking at the time when flux peak was noticed by GOES. But flares can last for about 1 hour and ionospheric disturbance starts much earlier than the peak flux is recorded by goes.
This will explain the time difference.

Hope this helps.

Talwinder
On 15 Dec 2014 07:27, "akroes@... <mailto:akroes@netnet.net> [Super_SID]" <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> > wrote:
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> Any thoughts would be appreciated.
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> Tony
>
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>

1427. RE: [Super_SID] GEOS time vs. My time for a flare detection

Yahoo group: Super_SID
Date: 2014-12-16 09:24:25 UTC
From: Talwinder Singh
Topic: 1423 Message: 1427

I think this time difference is unique for a flare. It depends on how fast the EM flux reaches it's peak value. I have noticed that some flares peak very sharply while in others there is a gradual increase. You can observe this thing in lasco cme catalogue videos (see the video of X-ray flux for different event). The link is cdaw.gsfc.nasa.gov/CME_list/ .

Also, as you mentioned, the time of disturbance due to a flare does not depend on solar zenith angle. Since time for flare is less, the disturbance is only due to overionisation and not due to migration. Therefore time of disturbance is same everywhere on day side but magnitude of disturbance is different (highest where sun is overhead)
On 15 Dec 2014 21:29, "'Anthony J. Kroes' akroes@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

>
>
> Very helpful, Talwinder, that’s what I was hoping to hear.
>
>
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> Does this occur this way on all disturbances? Is the time difference
> consistent with any known properties or variables (flare strength, position
> of transmitter or SID station compared to what part of the Earth was
> pointing toward the sun at the time, etc.) or is it random/variable and
> unique per flare?
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> time of day, and the GEOS timings were later in both cases, as you mention,
> Talwinder.
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>
> Thanks,
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> Tony
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>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]

> *Sent:* Sunday, December 14, 2014 10:34 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] GEOS time vs. My time for a flare detection
>
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>
>
> Hi

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> noticed by GOES. But flares can last for about 1 hour and ionospheric

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> This will explain the time difference.
>
> Hope this helps.
>
> Talwinder

> On 15 Dec 2014 07:27, "akroes@... [Super_SID]" <
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> > Any thoughts would be appreciated.
> >
> > Tony
> >
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> >
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>

1428. RE: [Super_SID] GEOS time vs. My time for a flare detection

Yahoo group: Super_SID
Date: 2014-12-16 15:51:27 UTC
From: Anthony J. Kroes
Topic: 1423 Message: 1428

Talwinder – regarding your final comment about the solar angle. This brings up something I have been thinking about and have mentioned here briefly, but probably not very well. As we are using the atmospheric ionization to relay or 'bounce' a radio signal from a faraway transmitting station, would the strongest 'detection' signal increase for me for a particular flare be when a point halfway between me and the station is experiencing the incoming flux at the zenith? Experiencing an event directly at my own zenith wouldn't help me as there is no way that the bouncing radio signal will be directed 90 degrees straight down, correct?

Also, what is the size of that ionized area? I assume it changes with the strength of the flare, but is it a small area (feet? miles?), or as I can imagine, possibly the entire hemisphere facing the sun?

Thanks,

Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Tuesday, December 16, 2014 3:24 AM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] GEOS time vs. My time for a flare detection

I think this time difference is unique for a flare. It depends on how fast the EM flux reaches it's peak value. I have noticed that some flares peak very sharply while in others there is a gradual increase. You can observe this thing in lasco cme catalogue videos (see the video of X-ray flux for different event). The link is cdaw.gsfc.nasa.gov/CME_list/ <http://cdaw.gsfc.nasa.gov/CME_list/> .

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Thanks,

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[mailto:Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>]
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Subject: Re: [Super_SID] GEOS time vs. My time for a flare detection

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Hope this helps.

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1429. Re: [Super_SID] GEOS time vs. My time for a flare detection

Yahoo group: Super_SID
Date: 2014-12-16 16:01:58 UTC
From: Talwinder Singh
Topic: 1423 Message: 1429
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Anthony.

I think you are right. The strongest detection will be when the point from where the ray is reflecting is on zenith. (and not when receiver is on zenith position).

The over ionization due do flare is on whole day side and even some on night side also due to limb illumination. I am attaching a graph that show increase in Total electron content(TEC) of ionosphere vs cosine of solar zenith angle during a flare. I made this graph from data of GPS receivers distributed around the globe.

On Tue, Dec 16, 2014 at 9:21 PM, 'Anthony J. Kroes' akroes@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:
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> Talwinder – regarding your final comment about the solar angle. This
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> Tony
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> *Sent:* Tuesday, December 16, 2014 3:24 AM

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> *Subject:* RE: [Super_SID] GEOS time vs. My time for a flare detection
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> Tony
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>
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Sunday, December 14, 2014 10:34 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] GEOS time vs. My time for a flare detection
>
>
>
>
>
> Hi
>
> I think that in your case, You are looking at the time when flux peak was
> noticed by GOES. But flares can last for about 1 hour and ionospheric
> disturbance starts much earlier than the peak flux is recorded by goes.
> This will explain the time difference.
>
> Hope this helps.
>
> Talwinder
> On 15 Dec 2014 07:27, "akroes@... [Super_SID]" <
> Super_SID@yahoogroups.com> wrote:
> >
> >
> >
> > I see there was a weak M-class flare earlier today (12/14/14) according
> to the GEOS 3-day graph and the GEOS event log. In the SuperSID data I
> recorded I see a nice, strong, distinct 'shark-fin' peak on all three of
> the stations that I am recording (NAA, NLK, GYA) and they all agree on a
> peak time of 19:21 UTC. The problem is that the GEOS peak is listed in the
> event log as occurring at 19:33 UTC.
> > What would cause my timings to all be in agreement with each other, but
> 12 minutes off from the GEOS timing? My first thought was that the system
> clock on the PC was off as it is not connected to the Internet or doing any
> time synching. I checked it and it is only about 35 seconds off of the
> actual time.
> > Any thoughts would be appreciated.
> >
> > Tony
> >
> >
> >
>
>
>

1430. SuperSID still looks Off

Yahoo group: Super_SID
Date: 2014-12-20 06:26:19 UTC
From: allenb_young@...
Topic: 1430 Message: 1430
Attachments: 1 described; binary payloads are missing from this source WARC

Still not getting very good results after almost 2 months, 3rd sound card, etc. Please see attached, and I can send other plots. These were supposed to correspond to flares noted by others lately, but off in time and seem unwieldy. Very frustrated, any help would be appreciated.

Brad Young

1431. Re: [Super_SID] SuperSID still looks Off [1 Attachment]

Yahoo group: Super_SID
Date: 2014-12-20 20:54:41 UTC
From: WILLIAM & MELINDA LORD
Topic: 1430 Message: 1431

Brad,
Have you read this discussion on time difference from SSID data and GOES? Yahoo! Groups

| |
| | | | | | | |
| Yahoo! GroupsHi I think that in your case, You are looking at the time when flux peak was noticed by GOES. |
| |
| View on groups.yahoo.com | Preview by Yahoo |
| |
| |

If you will go to SID Data Access and look at December 17 data from:NAA 0144 Menkar in QuebecNAA 0213 N2JUP IN VirginiaNAA 0268 PGNC in N CarolinaNLK 035 CSSC in California
All look like they caught the same sid but some show before 18:00 and others after. Again, the prior discussion thread explains why SSID data does not match GOES exactly.
| |
| | | | | |
| SID Data AccessDon't Display Monitor Sunrise and Sunsets (Colored Arrows) Don't Display Station Sunrise and Sunsets (Black Arrows) |
| |
| View on sid.stanford.edu | Preview by Yahoo |
| |
| |

  Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "allenb_young@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Saturday, December 20, 2014 12:26 AM
Subject: [Super_SID] SuperSID still looks Off [1 Attachment]

  [Attachment(s) from allenb_young@... [Super_SID] included below] Still not getting very good results after almost 2 months, 3rd sound card, etc. Please see attached, and I can send other plots. These were supposed to correspond to flares noted by others lately, but off in time and seem unwieldy. Very frustrated, any help would be appreciated.
Brad Young

1434. Fwd: MARRY CHRISTMAS

Yahoo group: Super_SID
Date: 2014-12-24 10:35:21 UTC
From: Divyadarshan Purohit
Topic: 1434 Message: 1434

My Dear Friends, We pray almighty on this auspicious pious festival of Christmas for the green,border less,stress less,corruption less earth & hope that we will come out from danger of climate change,global worming,economical & ecological crises very quickly.Let us hope that A new powerful generation with scientific thoughts will grown up who will create new era. We also pray for health,wealth & prosperity for you,your family & friends.We are sure that Our relation ship will be more stronger in the future.
* MARRY CHRISTMAS *

Feliz Navidad

.*& *

HAPPY NEW YEAR

WELL COME -2015

with best regards,
Pranam,

*Divyadarshan D.Purohit
& Family
*

Gurudev Observatory,VadodaraIndia
http://www.gurudevobservatory.co.in/
https://www.flickr.com/photos/gurudevobservatory/sets/

1435. Re: [Super_SID] MARRY CHRISTMAS

Yahoo group: Super_SID
Date: 2014-12-24 16:33:10 UTC
From: Teacher Chan Apple Address
Topic: 1434 Message: 1435

Merry Christmas from New Mexico and our family to yours!
Don Frazier
On Dec 24, 2014, at 3:35 AM, Divyadarshan Purohit divyadarshan63@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> My Dear Friends,
>
> We pray almighty on this auspicious pious festival of Christmas for the green,border less,stress less,corruption less earth & hope that we will come out from danger of climate change,global worming,economical & ecological crises very quickly.Let us hope that A new powerful generation with scientific thoughts will grown up who will create new era.
>
> We also pray for health,wealth & prosperity for you,your family & friends.We are sure that Our relation ship will be more stronger in the future.
>
> MARRY CHRISTMAS
>
> Feliz Navidad
>
> .&
>
> HAPPY NEW YEAR
>
> WELL COME -2015
>
> with best regards,
> Pranam,
>
> Divyadarshan D.Purohit & Family
> Gurudev Observatory,
> Vadodara
> India
> http://www.gurudevobservatory.co.in/
> https://www.flickr.com/photos/gurudevobservatory/sets/
>
>
>
>

1436. Effect of solar flares on the VLF radio waves survey

Yahoo group: Super_SID
Date: 2014-12-26 10:21:16 UTC
From: ahmadi_ribwar@...
Topic: 1436 Message: 1436
Attachments: 1 described; binary payloads are missing from this source WARC

Dear All, We've been working on VLF radio waves and the effects of solar flares on it and during our measurements we found some undesired deficiencies in the result. We would like to know your opinion about the aspects of your view of our mistakes. The outcome of our experiments is attached to this email. Thanks & Regards Ribwar Ahmadi (University of Tehran)

1437. Re: [Super_SID] Effect of solar flares on the VLF radio waves survey [1 Attachment]

Yahoo group: Super_SID
Date: 2014-12-28 01:10:01 UTC
From: WILLIAM & MELINDA LORD
Topic: 1436 Message: 1437

The plot you sent is not good for detecting SID's.

What stations are set up in your config file?
Have you plotted every station you have recorded and do they all look the same?
Can you send us a "screen shot" of the SuperSID program while it is running a d collecting data? (Hold Control and hit PRTSC and then Paste to Word or
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ahmadi_ribwar@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, December 26, 2014 5:21 AM
Subject: [Super_SID] Effect of solar flares on the VLF radio waves survey [1 Attachment]

  [Attachment(s) from ahmadi_ribwar@... [Super_SID] included below] Dear All,We've been working on VLF radio waves and the effects of solar flares on it and during our measurements we found some undesired deficiencies in the result. We would like to know your opinion about the aspects of your view of our mistakes. The outcome of our experiments is attached to this email.Thanks & RegardsRibwar Ahmadi (University of Tehran)

1438. Strange signal at 25.2 kHz

Yahoo group: Super_SID
Date: 2014-12-29 03:14:21 UTC
From: Robert L Tucker
Topic: 1438 Message: 1438
Attachments: 1 described; binary payloads are missing from this source WARC

The attached photo is a screen shot from my Elecraft PX3 showing the averaged signals from the VLF stations at 24 and 24.8 kHz.
It also shows what appears to be several discrete signals centered on 25.2 kHz, the frequency of the VLF station in La Moure, ND.
Normally, the averaged signal from La Moure would look the same as the other stations shown.
Does anyone in the Group know what's going on at La Moure? Just curious...
Robert
K5TD

1439. New to SuperSID

Yahoo group: Super_SID
Date: 2014-12-30 14:39:46 UTC
From: ebf306@...
Topic: 1439 Message: 1439
Attachments: 2 described; binary payloads are missing from this source WARC

I recently setup my SID station but I am not sure if it is working correctly or getting a strong enough signal. I have attached my current buffer from today and the live dB level shot as well.

1440. Re: [Super_SID] New to SuperSID [2 Attachments]

Yahoo group: Super_SID
Date: 2014-12-30 15:57:53 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1440

That is a pretty weak signal. Is your recording device set to highest volume?

Sounds and Audio DevicesClick on the middle tabat the top "Audio" In the middle of thisbox "Sound Recording"
Click on Volume (below the Default device)What do you see here???It should be on thehighest (loudest) volume Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ebf306@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, December 30, 2014 8:39 AM
Subject: [Super_SID] New to SuperSID [2 Attachments]

[Attachment(s) from ebf306@... [Super_SID] included below] I recently setup my SID station but I am not sure if it is working correctly or getting a strong enough signal. I have attached my current buffer from today and the live dB level shot as well.

1441. Re: [Super_SID] New to SuperSID [2 Attachments]

Yahoo group: Super_SID
Date: 2014-12-30 19:31:16 UTC
From: ebf306@...
Topic: 1439 Message: 1441
Attachments: 1 described; binary payloads are missing from this source WARC

I turned it up to 100% and the signal strength increased. You can see the strengths in the attachment for each of the stations.

1442. Re: [Super_SID] New to SuperSID [1 Attachment]

Yahoo group: Super_SID
Date: 2014-12-30 21:27:22 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1442

Hi,
There is still not much spread between the noise floor and the station signals. Where are you located?
Also, do you have florescent lights nearby? The big spike around 45 kHz looks like it.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ebf306@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, December 30, 2014 2:31 PM
Subject: Re: [Super_SID] New to SuperSID [1 Attachment]

  [Attachment(s) from ebf306@... [Super_SID] included below] I turned it up to 100% and the signal strength increased. You can see the strengths in the attachment for each of the stations.

1443. Re: New to SuperSID

Yahoo group: Super_SID
Date: 2014-12-30 22:09:59 UTC
From: ebf306@...
Topic: 1439 Message: 1443

Located in Garland, Texas. Florescent lights in the kitchen and closest on other side of house about 20 feet away but they have been off all day. There is an street lamp about 50 feet away.

1444. Re: New to SuperSID

Yahoo group: Super_SID
Date: 2014-12-30 22:16:46 UTC
From: ebf306@...
Topic: 1439 Message: 1444

I just tried an experiment with my kitchen lights and that is the spike at 45. Kinda cool.

1445. Call for Papers 2015 Western Conference at Stanford University

Yahoo group: Super_SID
Date: 2014-12-31 01:28:16 UTC
From: WILLIAM & MELINDA LORD
Topic: 1445 Message: 1445

The Society of Amateur Radio Astronomers (SARA) hereby solicits papers for presentation at its 2015 Western Regional Conference, to be held March 20 through March 22, 2015, at Stanford University, Palo Alto,California. Papers on radio astronomy hardware, software, education, research strategies, observations and philosophy are welcome.
SARA members or supporters wishing to present a paper should email a letter of intent, including a proposed title and informal abstract or outline to : westernconference_at_radio-astronomy_dot_org, no later than 1 February 2015. Be sure to include your full name, affiliation, postal address, and email address, and indicate your willingness to attend the conference to present your paper.Submitters will receive an email response, typically within one week. A formal Proceedings will be published for this conference and all presentations can be made available on CD.
Additional information and a schedule can be found on SARA's website:
www.radio-astronomy.org/meetings
Abstracts which have been submitted can be viewed at
http://www.radio-astronomy.org/node/205

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1446. Re: [Super_SID] Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-01 02:25:21 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1446

Have you plotted your data yet? Just go to the top left of the software as it is running and click on "Plot". Select a day and station.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ebf306@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, December 30, 2014 5:16 PM
Subject: [Super_SID] Re: New to SuperSID

  I just tried an experiment with my kitchen lights and that is the spike at 45. Kinda cool.

1447. Re: [Super_SID] Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-01 19:08:34 UTC
From: ebf306@...
Topic: 1439 Message: 1447
Attachments: 1 described; binary payloads are missing from this source WARC

Actually I moved the setup into the my garage since I wasn't getting good results where it was at. In its current location I am only getting one spike. See attachment.

1448. Re: [Super_SID] Re: New to SuperSID [1 Attachment]

Yahoo group: Super_SID
Date: 2015-01-01 21:30:19 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1448

Have you plotted any of the data files? Try that when you have full 24 hours of data. Let's see what that looks like.

Sent from Yahoo Mail on Android

1449. Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-01 23:27:19 UTC
From: ayore@...
Topic: 1439 Message: 1449
Attachments: 2 described; binary payloads are missing from this source WARC

I'd like to piggyback on this thread if I may as I am also new to SuperSID. I'll summarize my progress to date:
I constructed a 24" loop antenna (72 turns as I recall) using the SuperSID kit that I received from Bill and Melinda. See attached photo.
I ordered and installed a Sound Blaster Audigy SE into surplus 3.1 GHz / 3 GB RAM PC running XP. The line in sample rate is set to 96 kHz and the volume is set to 100%.
The PC is located away from the kitchen (microwave), the SuperSID is plugged into the line-in jack and the USB.
I installed all of the software as suggested and am getting the attached real-time signal strength diagram.
I'm trying to read-up on this topic as best I can, are the gurus here willing to review what I have so far? Specifically,
Does my chart look like it should? Is my device working properly?
My peak frequencies seem to correspond to signals from China and Australia and not the local transmitters. Is that plausible or am I misreading it?
The signal strength numbers in the lower left for the chosen (er, default) transmitters are no where near the magnitude of those in some of the sample charts posted here. They are in the hundreds rather than the tens of thousands. Do I have a setting incorrect somewhere?

I appreciate any help or insight that the members here may provide.

AdamY

1450. Re: [Super_SID] Re: New to SuperSID [2 Attachments]

Yahoo group: Super_SID
Date: 2015-01-03 01:49:42 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1450

I do not believe your sound card is working properly with the software.
You installed a Sound Blaster card, so I assume you have another sound card on the computer? Is anything, even a speaker, plugged into the original sound card? If it is, unplug everything in the original sound card. Do you have a USB web cam on this computer? If yes, unplug this.

You might try installing the latest driver. It can be found here Creative Worldwide Support > Sound Blaster Audigy Scroll down to "latest downloads" and select the driver.
| |
| | | | | |
| Creative Worldwide Support > Sound Blaster AudigyWelcome to Creative Worldwide Support. Get technical help for your Creative products through Knowledgebase Solutions, firmware updates, driver downloads and more. |
| |
| View on support.creative.com | Preview by Yahoo |
| |
| |

  Let us know your results after trying and checking the above suggestions.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ayore@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Thursday, January 1, 2015 6:27 PM
Subject: [Super_SID] Re: New to SuperSID [2 Attachments]

  [Attachment(s) from ayore@... [Super_SID] included below] I'd like to piggyback on this thread if I may as I am also new to SuperSID. I'll summarize my progress to date:

- I constructed a 24" loop antenna (72 turns as I recall) using the SuperSID kit that I received from Bill and Melinda. See attached photo.

- I ordered and installed a Sound Blaster Audigy SE into surplus 3.1 GHz / 3 GB RAM PC running XP. The line in sample rate is set to 96 kHz and the volume is set to 100%.

- The PC is located away from the kitchen (microwave), the SuperSID is plugged into the line-in jack and the USB.

- I installed all of the software as suggested and am getting the attached real-time signal strength diagram.

I'm trying to read-up on this topic as best I can, are the gurus here willing to review what I have so far? Specifically,

- Does my chart look like it should? Is my device working properly?

- My peak frequencies seem to correspond to signals from China and Australia and not the local transmitters. Is that plausible or am I misreading it?

- The signal strength numbers in the lower left for the chosen (er, default) transmitters are no where near the magnitude of those in some of the sample charts posted here. They are in the hundreds rather than the tens of thousands. Do I have a setting incorrect somewhere?

I appreciate any help or insight that the members here may provide.

AdamY

1451. SARA Western Regional Conference at Stanford

Yahoo group: Super_SID
Date: 2015-01-03 02:16:40 UTC
From: WILLIAM & MELINDA LORD
Topic: 1451 Message: 1451

Hi Folks,
The SARA Western Regional Conference will be held March 20 to March 22 at Stanford University in Palo Alto, California. There is still room for a few more papers to be presented. Contact westernconference@radio-astronomy.org with your abstract.
To see what abstracts have already been submitted, go to 2015 Western Conference Abstracts as of 12/30/2014 | Society of Amateur Radio Astronomers
| |
| | | | | |
| 2015 Western Conference Abstracts as of 12/30/2014 | Society of Amateur Radio AstronomersAuthor: Tom Hagen Portable VLF Receiver for Making Calibrated Magnetic Field Strength Measurements Abstract: |
| |
| View on www.radio-astronomy.org | Preview by Yahoo |
| |
| |

More information about the conference is at Meetings | Society of Amateur Radio Astronomers Just scroll down to the 2015 SARA Region Conference to find out more.

| |
| | | | | |
| Meetings | Society of Amateur Radio Astronomers2015 SARA Annual Meeting Scheduled for 21 June- 24 June, 2015, at NRAO Green Bank WV. 2015 Registration Fees and Lodging 2015 Registration Form Map/Directions to NRAO Green Bank, WV |
| |
| View on www.radio-astronomy.org | Preview by Yahoo |
| |
| |

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1452. Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-03 03:25:34 UTC
From: ayore@...
Topic: 1439 Message: 1452
Attachments: 1 described; binary payloads are missing from this source WARC

No webcam here. There was an integrated sound card on the motherboard, but I went into the device manager and disabled it prior to putting the new card in.

I revisited my sound card settings though. The Audigy SE uses a shared "Line In" / "Microphone" / "Auxiliary" jack on the back of the card. I had the Line In volume maximized to 100% in the Volume Mixer which muted the Aux and Microphone automatically.

I changed the microphone to 100%, thereby muting Line In and Aux, and voila! I am not certain that my chart looks right (since I am still a newb here), but the signal strength is now comparable to those I've seen on the boards here. See attached.

1453. Re: [Super_SID] Re: New to SuperSID [1 Attachment]

Yahoo group: Super_SID
Date: 2015-01-03 03:32:50 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1453

Yes! That looks good. Collect data for 24 hrs UCT and then plot. You should be able to see sunrise and sunset.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ayore@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, January 2, 2015 10:25 PM
Subject: [Super_SID] Re: New to SuperSID [1 Attachment]

  [Attachment(s) from ayore@niu.edu [Super_SID] included below] No webcam here. There was an integrated sound card on the motherboard, but I went into the device manager and disabled it prior to putting the new card in.
I revisited my sound card settings though. The Audigy SE uses a shared "Line In" / "Microphone" / "Auxiliary" jack on the back of the card. I had the Line In volume maximized to 100% in the Volume Mixer which muted the Aux and Microphone automatically.
I changed the microphone to 100%, thereby muting Line In and Aux, and voila! I am not certain that my chart looks right (since I am still a newb here), but the signal strength is now comparable to those I've seen on the boards here. See attached.

1454. Solar Events page moved?

Yahoo group: Super_SID
Date: 2015-01-03 07:01:11 UTC
From: Brian Fraser
Topic: 1439 Message: 1454

Can anybody tell me where I can access a summary of solar events for the day?

The events page has moved or been discontinued.

Many thanks

Brian

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

1455. Re: [Super_SID] Solar Events page moved?

Yahoo group: Super_SID
Date: 2015-01-03 08:00:59 UTC
From: ericgibert@...
Topic: 1439 Message: 1455

I connect to http://www.swpc.noaa.gov/products/solar-and-geophysical-event-reports

--
Sent from myMail app for Android
Saturday, 03 January 2015, 03:01PM +08:00 from "'Brian Fraser' fraserb@intekom.co.za [Super_SID]" <Super_SID@yahoogroups.com>:

Can anybody tell me where I can access a
summary of solar events for the day?
The events page has moved or been
discontinued.
Many thanks
Brian

This email has been checked for viruses by Avast antivirus software.

www.avast.com

1456. RE: [Super_SID] Re: New to SuperSID [1 Attachment]

Yahoo group: Super_SID
Date: 2015-01-03 17:18:46 UTC
From: Anthony J. Kroes
Topic: 1439 Message: 1456

I just went through all that as well, ayore, and your spectrum looks very good now. Compare the peaks in the middle with the chart in the SuperSID manual to see which ones they are, then adjust your cfg file to make sure you are recording them. The file automatically records 6 pre-set transmitters, but those may or may not be the ones you are picking up, depending on where in the world you live.

Good luck! I am amazed how active the sun is, even though it is in its downward trend toward solar minimum. I picked up 5 ‘C’ class flares or stronger the first week my unit was running late in December.

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Friday, January 02, 2015 9:26 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: New to SuperSID [1 Attachment]

[Attachment(s) from ayore@... <mailto:ayore@...> [Super_SID] included below]

No webcam here. There was an integrated sound card on the motherboard, but I went into the device manager and disabled it prior to putting the new card in.

I revisited my sound card settings though. The Audigy SE uses a shared "Line In" / "Microphone" / "Auxiliary" jack on the back of the card. I had the Line In volume maximized to 100% in the Volume Mixer which muted the Aux and Microphone automatically.

I changed the microphone to 100%, thereby muting Line In and Aux, and voila! I am not certain that my chart looks right (since I am still a newb here), but the signal strength is now comparable to those I've seen on the boards here. See attached.

1457. Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-03 21:40:55 UTC
From: ayore@...
Topic: 1439 Message: 1457

Thanks Anthony! The folks online here, the detailed SuperSID manual, and a few choice websites have been very helpful for getting me up and running. Its also been instructive to use Spectrum Lab alongside the SuperSID software, particularly for observing noise levels and antenna aiming.

I find myself snooping around the house for VLF radio noise, running mini experiments of turning something on/off and watching the screen for a change in the spectrum. Couple of questions:
Besides microwaves, dimmer switches, and CRTs, what are the primary offending sources of VLF noise in the household? Is there an easy way to build or obtain a reasonably priced commercial "sniffer" to detect noise?
I seem to have a LOT of noise in the 15 kHz to 22 kHz range.

Adam

1458. Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-05 01:54:38 UTC
From: ayore@...
Topic: 1439 Message: 1458
Attachments: 5 described; binary payloads are missing from this source WARC

Ok, as Bill and Melinda suggested, I have my first time series of signal strength. I ran it for two days to get a sense for the change from day to day on a given transmitter. January 3rd is in blue and January 4th is in green.

Here are my observations regarding signal quality:
NAA seems like a pretty good signal for my station. If I am interpreting this correctly, I see a nice sunrise / sunset pattern on the chart. NLK might be as well, but there was a troubling drop in signal near the end of the time series so I will have to observe another day. It is interesting that the Jan 4 signal for NAA and NLK are materially stronger throughout the day as compared to the Jan 3 signal. Not sure what that means at this point.
NML (in ND) is an erratic signal for my station. This is puzzling since it is the closest station to my location here in Chicagoland. NPM, JJI, and NWC all seem too noisy to be useful for my station. Perhaps if I had a larger antenna I could do better with one of these. I think I observe a clear solar flare pattern on the NAA chart.The smaller, but contemporaneous dip on the NLK chart seems to confirm. I went to the GOES data to confirm and I see a solar flare there as well, but the timing is off. The GOES data has it at 15:00 UTC and my data is displaying it at about 17:00 UTC. My offset for CST (-6) is correctly configured. Any ideas?

Adam

1459. Re: [Super_SID] Re: New to SuperSID [6 Attachments]

Yahoo group: Super_SID
Date: 2015-01-05 16:51:33 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1459

Yes, NAA is your best station. It does look like you caught a SID on Jan 4th.
As for NLK, remember these stations are run by the military and they do maintenance, testing, etc. They do not publish when this will happen, so I would continue to keep NLK in your config file.
NML might be OK, but the nighttime signals are so strong, it changes the auto scale feature and makes the daytime signal hard to read. Some other folks on the list might be able to help you with how to plot in Excel and cut out those high signals.

Your time offset is correct. As for the time difference, look at this topic thread for some explanations Yahoo! Groups

| |
| | | | | | | |
| Yahoo! GroupsHi I think that in your case, You are looking at the time when flux peak was noticed by GOES. |
| |
| View on groups.yahoo.com | Preview by Yahoo |
| |
| |

  Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

From: "ayore@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Sunday, January 4, 2015 7:54 PM
Subject: [Super_SID] Re: New to SuperSID [6 Attachments]

  [Attachment(s) from ayore@... [Super_SID] included below] Ok, as Bill and Melinda suggested, I have my first time series of signal strength. I ran it for two days to get a sense for the change from day to day on a given transmitter. January 3rd is in blue and January 4th is in green.
Here are my observations regarding signal quality:
- NAA seems like a pretty good signal for my station. If I am interpreting this correctly, I see a nice sunrise / sunset pattern on the chart. NLK might be as well, but there was a troubling drop in signal near the end of the time series so I will have to observe another day.
- It is interesting that the Jan 4 signal for NAA and NLK are materially stronger throughout the day as compared to the Jan 3 signal. Not sure what that means at this point.
- NML (in ND) is an erratic signal for my station. This is puzzling since it is the closest station to my location here in Chicagoland.
- NPM, JJI, and NWC all seem too noisy to be useful for my station. Perhaps if I had a

larger antenna I could do better with one of these.
I think I observe a clear solar flare pattern on the NAA chart.The smaller, but contemporaneous dip on the NLK chart seems to confirm. I went to the GOES data to confirm and I see a solar flare there as well, but the timing is off. The GOES data has it at 15:00 UTC and my data is displaying it at about 17:00 UTC. My offset for CST (-6) is correctly configured. Any ideas?
Adam

1460. Western Regional Conference Hotel

Yahoo group: Super_SID
Date: 2015-01-06 22:26:27 UTC
From: WILLIAM & MELINDA LORD
Topic: 1460 Message: 1460

SARA has a block of rooms available at a special rate for those attending the SARA Western Regional Conference March 20 to 22. The Marriott Courtyard is located just 3.8 miles from Stanford and there are many nice restaurants nearby.
YOU will need to make your own reservations. You can use the link below or call 1-800-321-221and ask for the Palo Alto Courtyard, be sure to request the SARA rate. This rate is only guaranteed to March 5, 2015. After that date it will be on a space available basis and the rate could be higher.

SARAStart date: 3/19/15End date: 3/23/15Last day to book by: 3/5/15Marriott hotel(s) offering your special group rate:Courtyard Palo Alto Los Altos for 129.00 USD per night
Book your group rate: SARA >>

1461. Re: [Super_SID] Western Regional Conference Hotel

Yahoo group: Super_SID
Date: 2015-01-07 16:29:46 UTC
From: Chris Vyhnal
Topic: 1460 Message: 1461

Hi all...

We've been off-line with our VLF array for too long now, but we've recently added a hard wired web connection to our observatory and a new PC there. Is the software used to run the VLF SID monitor available via web download? Or do I need to obtain it another way.

Thanks!
C

_____
Chris Vyhnal, Ph.D.
Science Dept. Chair
The Thacher School
Ojai, CA 93023

Too brief? Here's why! http://emailcharter.org

On Tue, Jan 6, 2015 at 2:26 PM, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> SARA has a block of rooms available at a special rate for those attending
> the SARA Western Regional Conference March 20 to 22. The Marriott
> Courtyard is located just 3.8 miles from Stanford and there are many nice
> restaurants nearby.
>
> YOU will need to make your own reservations. You can use the link below or
> call 1-800-321-221and ask for the Palo Alto Courtyard, be sure to request
> the SARA rate. This rate is only guaranteed to March 5, 2015. After that
> date it will be on a space available basis and the rate could be higher.
>
> *SARA*
> *Start date: *3/19/15
> *End date: *3/23/15
> *Last day to book by:* 3/5/15
> Marriott hotel(s) offering your special group rate:
> *Courtyard Palo Alto Los Altos* for 129.00 USD per night
> Book your group rate: SARA >>
> <http://www.marriott.com/meeting-event-hotels/group-corporate-travel/groupCorp.mi?resLinkData=SARA%5Epaocy%60sarsara%7Csarsarb%60129.00%60USD%60false%603/19/15%603/23/15%603/5/15&app=resvlink&stop_mobi=yes>
>
>
>

>

1462. Re: [Super_SID] Western Regional Conference Hotel

Yahoo group: Super_SID
Date: 2015-01-07 19:55:15 UTC
From: WILLIAM & MELINDA LORD
Topic: 1460 Message: 1462

Hi Chris,
If this is for the SuperSID you can download from here
http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe
        http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe.sha-256
When you click on the link or copy and paste to your browser your computer will ask if you want to download.
If it is for the old red SID box go to Index of /SID/Distribution/current

| |
| | | | | |
| Index of /SID/Distribution/currentIndex of /SID/Distribution/current Name Last modified Size Description Parent Directory   - AUTORUN.INF 07-Sep-2005 22:42 42 SIDMON.ico 07-Sep-2005 21:14 766 setup.exe 12-Oct-2007 20:35 69M |
| |
| View on solar-center.stanford.edu | Preview by Yahoo |
| |
| |

  Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "Chris Vyhnal cvyhnal@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Wednesday, January 7, 2015 10:29 AM
Subject: Re: [Super_SID] Western Regional Conference Hotel

  Hi all...
We've been off-line with our VLF array for too long now, but we've recently added a hard wired web connection to our observatory and a new PC there. Is the software used to run the VLF SID monitor available via web download? Or do I need to obtain it another way.
Thanks!C

_____Chris Vyhnal, Ph.D.Science Dept. ChairThe Thacher SchoolOjai, CA 93023

Too brief? Here's why! http://emailcharter.org

On Tue, Jan 6, 2015 at 2:26 PM, WILLIAM & MELINDA LORD ap_guardian@yahoo.com [Super_SID] <Super_SID@yahoogroups.com> wrote:

  SARA has a block of rooms available at a special rate for those attending the SARA Western Regional Conference March 20 to 22. The Marriott Courtyard is located just 3.8 miles from Stanford and there are many nice restaurants nearby.
YOU will need to make your own reservations. You can use the link below or call 1-800-321-221and ask for the Palo Alto Courtyard, be sure to request the SARA rate. This

rate is only guaranteed to March 5, 2015. After that date it will be on a space available basis and the rate could be higher.

SARAStart date: 3/19/15End date: 3/23/15Last day to book by: 3/5/15Marriott hotel(s) offering your special group rate:Courtyard Palo Alto Los Altos for 129.00 USD per night Book your group rate: SARA >>

1463. Re: [Super_SID] Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-08 03:03:56 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1463

Adam,
The easiest way to see what might be introducing noise to your SuperSID is to turn everything in the home off Except the SuperSID computer & monitor.

Turn items on one at a time and watch the monitor for changes. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ayore@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Saturday, January 3, 2015 4:40 PM
Subject: [Super_SID] Re: New to SuperSID

  Thanks Anthony! The folks online here, the detailed SuperSID manual, and a few choice websites have been very helpful for getting me up and running. Its also been instructive to use Spectrum Lab alongside the SuperSID software, particularly for observing noise levels and antenna aiming.
I find myself snooping around the house for VLF radio noise, running mini experiments of turning something on/off and watching the screen for a change in the spectrum. Couple of questions:
- Besides microwaves, dimmer switches, and CRTs, what are the primary offending sources of VLF noise in the household?
- Is there an easy way to build or obtain a reasonably priced commercial "sniffer" to detect noise?
I seem to have a LOT of noise in the 15 kHz to 22 kHz range.
Adam

1464. Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-08 20:14:26 UTC
From: ayore@...
Topic: 1439 Message: 1464

Thanks! I have recently been trying that, much to my wife's chagrin. :-) Once everyone is away, I might go for the breaker box. I do live about 5 to 10 miles away from a very large wind farm. I recall reading somewhere that those turbines can introduce noise. Whatever it is, it is a very constant signal from about 17.5 kHz to 22.0 kHz. Another option will be for me to take the antenna on a field trip with my laptop out into the country.

Do you have any experience with the INSPIRE project VLF receiver? I just stumbled on it after reading a few books on Radio Astronomy. I thought that, besides being an educational build, it could be a mechanism to sniff out radio noise.

Adam

1465. Re: [Super_SID] Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-09 01:04:51 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1465

The Inspire unit comes as a kit you have to build. Order INSPIRE VLF-3 Radio Receiver Kit They do offer good documentation on the build.It is a fununit you can take to remote places and run it on a small battery.

Order INSPIRE VLF-3 Radio Receiver KitOrder INSPIRE VLF-3 Radio Receiver Kit	
View on theinspireproject.org	Preview by Yahoo

It is not something for the beginning builder. If you have never done solder work before, we recommend you buy some small kits and practice your skills. Electronic Goldmine has a lot to choose from and rates them beginner, intermediate or advance. Electronic Kits-Electronic Goldmine

Electronic Kits-Electronic GoldmineElectronic Kits The Electronic Goldmine offers one of the largest selections of low cost, high quality electronic kits available anywhere.	
View on www.goldmine-elec...	Preview by Yahoo

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ayore@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Thursday, January 8, 2015 2:14 PM
Subject: [Super_SID] Re: New to SuperSID

Thanks! I have recently been trying that, much to my wife's chagrin. :-) Once everyone is away, I might go for the breaker box. I do live about 5 to 10 miles away from a very large wind farm. I recall reading somewhere that those turbines can introduce noise. Whatever it is, it is a very constant signal from about 17.5 kHz to 22.0 kHz. Another option will be for me to take the antenna on a field trip with my laptop out into the country.
Do you have any experience with the INSPIRE project VLF receiver? I just stumbled on it after reading a few books on Radio Astronomy. I thought that, besides being an educational build, it could be a mechanism to sniff out radio noise.
Adam

1466. Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-09 04:53:02 UTC
From: ayore@...
Topic: 1439 Message: 1466
Attachments: 4 described; binary payloads are missing from this source WARC

I have done a little electronics work in the past (emphasizing little . . . mainly repairs), but that site is awesome! I think I get a couple of their kits to assemble for kicks. It would make for good practice before getting into either the INSPIRE or the Radio Jove projects.

I think I pretty much have my SuperSID station dialed in, but I do have a couple of lingering questions before I feel comfortable sharing my data with Stanford. First, as instructed, my microphone volume is at 100%. However, the surround mixer (see red circled sliders in the attached image) also has a "master" volume slider. Adjusting this affects the signal strengths of the VLF stations that I am tracking as well. Note that, with both at 100%, my strength readings are up in the millions. Is this appropriate? I was concerned since Steven Arnold's book, "Getting Started in Radio Astronomy" (p. 99), suggests that turning up the volume too high might distort the signal.

Secondly, the signal out of NML remains quite a puzzle to me. Every night, NML is my strongest signal, but during the day the signal disappears entirely. See the attached images for the day/night comparison and a 3 day time series (my station was off for a few hours on two nights). Is there any explanation for this? By way of the crow, Lamoure, ND is 562 miles away from me. Could I be receiving a destructive ground wave during the day?

Adam

1467. Re: [Super_SID] Re: New to SuperSID [4 Attachments]

Yahoo group: Super_SID
Date: 2015-01-09 20:13:47 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1467

Hi Adam,
Having readings in the millions is not uncommon. I would leave the master volume up for a couple of days, collect data and see how the charts look.
When SID is too close to the station, it might pick up the signal from the direct path, rather than the reflection from the ionosphere. The daily plot won't show the typical patterns: dawn, durst, day-time, night-time...

It depends on the elevation of the station and SID, ~100 miles away would be safe. So more than 500 miles away should not be a problem. I really think the daytime plot does not show up good because of the high night time signals affecting the auto scale. Your signal of NML does not disappear during the day- looking at the chart you posted with the mixer controls overlaid, show the signal at over 22 Million.

Send us a csv (data) file and we will plot in Excel.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ayore@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Thursday, January 8, 2015 10:53 PM
Subject: [Super_SID] Re: New to SuperSID [4 Attachments]

  [Attachment(s) from ayore@... [Super_SID] included below] I have done a little electronics work in the past (emphasizing little . . . mainly repairs), but that site is awesome! I think I get a couple of their kits to assemble for kicks. It would make for good practice before getting into either the INSPIRE or the Radio Jove projects.
I think I pretty much have my SuperSID station dialed in, but I do have a couple of lingering questions before I feel comfortable sharing my data with Stanford. First, as instructed, my microphone volume is at 100%. However, the surround mixer (see red circled sliders in the attached image) also has a "master" volume slider. Adjusting this affects the signal strengths of the VLF stations that I am tracking as well. Note that, with both at 100%, my strength readings are up in the millions. Is this appropriate? I was concerned since Steven Arnold's book, "Getting Started in Radio Astronomy" (p. 99), suggests that turning up the volume too high might distort the signal.
Secondly, the signal out of NML remains quite a puzzle to me. Every night, NML is my strongest signal, but during the day the signal disappears entirely. See the attached images for the day/night comparison and a 3 day time series (my station was off for a few hours on two nights). Is there any explanation for this? By way of the crow, Lamoure, ND is 562 miles away from me. Could I be receiving a destructive ground wave during the day?
Adam

1468. Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-09 21:38:26 UTC
From: ayore@...
Topic: 1439 Message: 1468
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you for being willing to look at the data. I have attached all of my NML data since I started my station on 1/3/15 as well as today's buffers into a single Excel file. Two things to note with the data: I didn't increase the master volume until 5 UTC on 1/5/15, so 1/3 and 1/4 are at 50% master volume. NML seemed to finally come online for me between 19 and 20 UTC today. We'll see if it lasts.
That surround mixer image was done at night (5:32 UTC on 1/7/15), so NML was showing a strong signal then. I was concerned about the autoscale as well. Charting in Excel with axis maximums does help, but the signal still seems to ride very low during the day.

Adam

1469. Re: [Super_SID] Re: New to SuperSID [1 Attachment]

Yahoo group: Super_SID
Date: 2015-01-09 21:54:30 UTC
From: Steve Berl
Topic: 1439 Message: 1469

To figure out whether you are overdriving the audio inputs, would it make sense to look at the waveform in some software like Audacity?

-steve

On Fri, Jan 9, 2015 at 1:38 PM, ayore@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

> [Attachment(s) <#14ad0a26e9871c93_TopText> from ayore@niu.edu
> [Super_SID] included below]
>
> Thank you for being willing to look at the data. I have attached all of my
> NML data since I started my station on 1/3/15 as well as today's buffers
> into a single Excel file. Two things to note with the data:
>
> 1. I didn't increase the master volume until 5 UTC on 1/5/15, so 1/3
> and 1/4 are at 50% master volume.
> 2. NML seemed to finally come online for me between 19 and 20 UTC
> today. We'll see if it lasts.
>
> That surround mixer image was done at night (5:32 UTC on 1/7/15), so NML
> was showing a strong signal then. I was concerned about the autoscale as
> well. Charting in Excel with axis maximums does help, but the signal still
> seems to ride very low during the day.
>
> Adam
>
>
>

--
-steve

1470. Re: [Super_SID] Re: New to SuperSID [1 Attachment]

Yahoo group: Super_SID
Date: 2015-01-09 22:16:02 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1470

After looking at other SSID users data at SID Data Accessit looks like NML is not putting out a good signal. Look at N2JUP 0213 and PGNC 0268. Their data for NAA looks smooth, but NML is a mess.

| |
| | | | | |
| SID Data AccessDon't Display Monitor Sunrise and Sunsets (Colored Arrows) Don't Display Station Sunrise and Sunsets (Black Arrows) |
| |
| View on sid.stanford.edu | Preview by Yahoo |
| |
| |

 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ayore@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, January 9, 2015 3:38 PM
Subject: [Super_SID] Re: New to SuperSID [1 Attachment]

  [Attachment(s) from ayore@... [Super_SID] included below] Thank you for being willing to look at the data. I have attached all of my NML data since I started my station on 1/3/15 as well as today's buffers into a single Excel file. Two things to note with the data:
- I didn't increase the master volume until 5 UTC on 1/5/15, so 1/3 and 1/4 are at 50% master volume.
- NML seemed to finally come online for me between 19 and 20 UTC today. We'll see if it lasts.

That surround mixer image was done at night (5:32 UTC on 1/7/15), so NML was showing a strong signal then. I was concerned about the autoscale as well. Charting in Excel with axis maximums does help, but the signal still seems to ride very low during the day.
Adam

1471. Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-09 23:43:13 UTC
From: ayore@...
Topic: 1439 Message: 1471
Attachments: 2 described; binary payloads are missing from this source WARC

I agree. Comparing the data, I am getting very similar results. Our daytime charts show the same pattern of signal spikes, loss of signal, etc. It seems they are doing something funky with the transmitter. Perhaps they are running tests on it for maintenance. I will continue to log the station for a couple of weeks. Thank you again for your help.

Adam

1472. Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-10 02:16:41 UTC
From: ayore@...
Topic: 1439 Message: 1472

Steve,

I could try that. I'm a newb, so a couple of questions. Can I download that software for free or are there likely substitutes included with the Sound Blaster software? I already have Spectrum Lab installed. How do I look at the waveform? You should assume that I have little knowledge of this topic and that I am not very smart.

Adam

1473. Re: [Super_SID] Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-11 01:05:40 UTC
From: Steve Berl
Topic: 1439 Message: 1473

I only suggested Audacity because it is free. If you have something else that can show the time domain waveform, then go for that.

If you record some audio in Audacity the time domain waveform view is the default, just zoom in. I have'nt used the others so can't give specific details.

-steve

On Fri, Jan 9, 2015 at 6:16 PM, ayore@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Steve,
>
> I could try that. I'm a newb, so a couple of questions. Can I download
> that software for free or are there likely substitutes included with the
> Sound Blaster software? I already have Spectrum Lab installed. How do I
> look at the waveform? You should assume that I have little knowledge of
> this topic and that I am not very smart.
>
> Adam
>
>
>

--
-steve

1474. SuperSID issues

Yahoo group: Super_SID
Date: 2015-01-11 13:41:03 UTC
From: Ignacy J. Justyna
Topic: 1439 Message: 1474
Attachments: 2 described; binary payloads are missing from this source WARC

Group

I have been trying to trouble shoot my setup and have my doubts that my Super Sid monitor and SB Audigy sound card are configured correctly. I purchased a USB HD sound card and have a Super Sid output that looks much the same as my Audigy sound card. I have reviewed the Super Sid manual to setup the sound card but I don't get the Device Control option and can't check that the card is set to 96K.

Attached are screen shots showing the USB and Audigy cards results and they don't resemble what I have seen on this group as "normal"

Any suggestions as to what my setup problems might be would be very appreciated.

Thanks,

Ig

1475. Re: [Super_SID] SuperSID issues

Yahoo group: Super_SID
Date: 2015-01-11 20:06:16 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1475

| Your sound card setup isn't working/setup properly. You have a display typical of a 48 kHz sound card.
Is anything plugged into your orihinal card? If yes then unplug it.
Do you have a USB cam plugged in? Unplug that as well.
Does your USB sound card sample at 96 kHz in Stereo or Mono? The SuperSID only reads mono, so a 96 kHz stereo will not work.
The on board Audigy SE Sound Blaster- have you tried to install the newest driver software? Go to and look down the page to latest downloads and select http://support.creative.com/Products/ProductDetails.aspx?catID=1&CatName=sound+blaster&prodID=14257&prodName=Audigy+SE
We prefer you use line-in, but you might also try mic in.
Let us know if any of this helps (or not:-(
Melinda

| From:"'Ignacy J. Justyna' ijustyna@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Sun, Jan 11, 2015 at 10:58 AM
Subject:[Super_SID] SuperSID issues

☐Group I have been trying to trouble shoot my setup and have my doubts that my Super Sid monitor and SB Audigy sound card are configured correctly. I purchased a USB HD sound card and have a Super Sid output that looks much the same as my Audigy sound card. I have reviewed the Super Sid manual to setup the sound card but I don't get the Device Control option and can't check that the card is set to 96K. Attached are screen shots showing the USB and Audigy cards results and they don't resemble what I have seen on this group as "normal" Any suggestions as to what my setup problems might be would be very appreciated. Thanks, Ig |

|

1476. Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-11 20:44:42 UTC
From: ayore@...
Topic: 1439 Message: 1476

I'm still new here, but I found that the Spectrum Lab software was helpful for getting my sound card settings right. You can download it for free at DL4YHF's Audio Spectrum Analyser http://www.qsl.net/dl4yhf/spectra1.html. If you install it, go to the "Options" menu and select "Audio Settings / I/O Device Selection." This program puts all of the system sound settings in one place.

Adam

http://www.qsl.net/dl4yhf/spectra1.html

DL4YHF's Audio Spectrum Analyser http://www.qsl.net/dl4yhf/spectra1.html Spectrum Laboratory for Soundcard with Waterfall and FFT.

View on www.qsl.net http://www.qsl.net/dl4yhf/spectra1.html
Preview by Yahoo

1477. Re: [Super_SID] Re: New to SuperSID

Yahoo group: Super_SID
Date: 2015-01-12 03:19:44 UTC
From: Ignacy J. Justyna
Topic: 1439 Message: 1477

Adam

Thanks for the suggestion, I will try this.

Ig

----- Original Message -----
From: ayore@... [Super_SID]
To: Super_SID@yahoogroups.com
Sent: Sunday, January 11, 2015 3:44 PM
Subject: [Super_SID] Re: New to SuperSID

I'm still new here, but I found that the Spectrum Lab software was helpful for getting my sound card settings right. You can download it for free at DL4YHF's Audio Spectrum Analyser. If you install it, go to the "Options" menu and select "Audio Settings / I/O Device Selection." This program puts all of the system sound settings in one place.

Adam

DL4YHF's Audio Spectrum Analyser Spectrum Laboratory for Soundcard with Waterfall and FFT. View on www.qsl.net Preview by Yahoo

1478. Re: [Super_SID] SuperSID issues

Yahoo group: Super_SID
Date: 2015-01-12 03:18:40 UTC
From: Ignacy J. Justyna
Topic: 1439 Message: 1478

Melinda

Thank you for the suggestions, and I suspected this was not typical of a 96 kHz sampling rate.

I don't have anything else plugged in, the computer is dedicated for Super SID only.

The USB sound card is the Prudent Way device and I'm not sure how to check if it is sterol mode or mono.

The Super Sid manual indicates to install the driver for the sound card first and then install the card. However the sound card manual says to install the card and then install the software. Would that have an impact? I have done the driver update as well.

On page 63 of the Super Sid manual there is are instructions to check the sampling rate of the card but in this situation, the choice for selecting "Device Control" does not show up. This is aggravating and I don't know if I have a bad sound card or if there is a Windows issue.

I will keep trying to get this resolved.

Regards,

Ig

----- Original Message -----
From: WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]
To: Super_SID@yahoogroups.com
Sent: Sunday, January 11, 2015 3:06 PM
Subject: Re: [Super_SID] SuperSID issues

Your sound card setup isn't working/setup properly. You have a display typical of a 48 kHz sound card.

Is anything plugged into your orihinal card? If yes then unplug it.

Do you have a USB cam plugged in? Unplug that as well.

Does your USB sound card sample at 96 kHz in Stereo or Mono? The SuperSID only reads mono, so a 96 kHz stereo will not work.

The on board Audigy SE Sound Blaster- have you tried to install the newest driver software? Go to and look down the page to latest downloads and select http://support.creative.com/Products/ProductDetails.aspx?catID=1&CatName=sound+blaster&prodID=14257&prodName=Audigy+SE

We prefer you use line-in, but you might also try mic in.

Let us know if any of this helps (or not:-(

Melinda

From:"'Ignacy J. Justyna' ijustyna@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Sun, Jan 11, 2015 at 10:58 AM
Subject:[Super_SID] SuperSID issues

☐
Group

I have been trying to trouble shoot my setup and have my doubts that my Super Sid monitor and SB Audigy sound card are configured correctly. I purchased a USB HD sound card and have a Super Sid output that looks much the same as my Audigy sound card. I have reviewed the Super Sid manual to setup the sound card but I don't get the Device Control option and can't check that the card is set to 96K.

Attached are screen shots showing the USB and Audigy cards results and they don't resemble what I have seen on this group as "normal"

Any suggestions as to what my setup problems might be would be very appreciated.

Thanks,

Ig

1479. Re: [Super_SID] SuperSID issues

Yahoo group: Super_SID
Date: 2015-01-12 15:35:26 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1479

What version of Windows are you running?

Sent from Yahoo Mail on Android

1480. Re: [Super_SID] SuperSID issues

Yahoo group: Super_SID
Date: 2015-01-12 17:33:59 UTC
From: Ignacy J. Justyna
Topic: 1439 Message: 1480

I'm running XP. It is odd because my set up was running Ok for some time.

Sent from my iPhone

> On Jan 12, 2015, at 10:35 AM, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
>
> What version of Windows are you running?
>
> Sent from Yahoo Mail on Android
>
> From:"'Ignacy J. Justyna' ijustyna@... [Super_SID]" <Super_SID@yahoogroups.com>
> Date:Mon, Jan 12, 2015 at 9:12 AM
> Subject:Re: [Super_SID] SuperSID issues
>
>
> □
>
> Melinda
>
> Thank you for the suggestions, and I suspected this was not typical of a 96 kHz sampling rate.
>
> I don't have anything else plugged in, the computer is dedicated for Super SID only.
>
> The USB sound card is the Prudent Way device and I'm not sure how to check if it is sterol mode or mono.
>
> The Super Sid manual indicates to install the driver for the sound card first and then install the card. However the sound card manual says to install the card and then install the software. Would that have an impact? I have done the driver update as well.
>
> On page 63 of the Super Sid manual there is are instructions to check the sampling rate of the card but in this situation, the choice for selecting "Device Control" does not show up. This is aggravating and I don't know if I have a bad sound card or if there is a Windows issue.
>
> I will keep trying to get this resolved.
>
> Regards,
>
> Ig
>
>
>
>

> ----- Original Message -----
> From: WILLIAM MELINDA LORD ap_guardian@... [Super_SID]
> To: Super_SID@yahoogroups.com
> Sent: Sunday, January 11, 2015 3:06 PM
> Subject: Re: [Super_SID] SuperSID issues
>
>
> Your sound card setup isn't working/setup properly. You have a display typical of a 48 kHz sound card.
>
> Is anything plugged into your orihinal card? If yes then unplug it.
>
> Do you have a USB cam plugged in? Unplug that as well.
>
> Does your USB sound card sample at 96 kHz in Stereo or Mono? The SuperSID only reads mono, so a 96 kHz stereo will not work.
>
> The on board Audigy SE Sound Blaster- have you tried to install the newest driver software? Go to and look down the page to latest downloads and select http://support.creative.com/Products/ProductDetails.aspx?catID=1&CatName=sound+blaster&prodID=14257&prodName=Audigy+SE
>
> We prefer you use line-in, but you might also try mic in.
>
> Let us know if any of this helps (or not:-(
>
> Melinda
>
> From:"'Ignacy J. Justyna' ijustyna@... [Super_SID]" <Super_SID@yahoogroups.com>
> Date:Sun, Jan 11, 2015 at 10:58 AM
> Subject:[Super_SID] SuperSID issues
>
>
>
>
> □
> Group
>
> I have been trying to trouble shoot my setup and have my doubts that my Super Sid monitor and SB Audigy sound card are configured correctly. I purchased a USB HD sound card and have a Super Sid output that looks much the same as my Audigy sound card. I have reviewed the Super Sid manual to setup the sound card but I don't get the Device Control option and can't check that the card is set to 96K.
>
> Attached are screen shots showing the USB and Audigy cards results and they don't resemble what I have seen on this group as "normal"
>
> Any suggestions as to what my setup problems might be would be very appreciated.
>
> Thanks,
>
> Ig

>
>
>
>

1481. Unknown SID monitor sending data

Yahoo group: Super_SID
Date: 2015-01-13 01:58:41 UTC
From: WILLIAM & MELINDA LORD
Topic: 1481 Message: 1481

Hi Folks,
Standford has been receiving data from a site named BTTS, in the central time zone, at longitude -89.86 and latitude 35.22. But they are using "NONE" or "BTTS" for their MonitorID.
Please contact us if you are sending this data to Stanford so we can update the records.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1482. Re: [Super_SID] SuperSID issues

Yahoo group: Super_SID
Date: 2015-01-13 02:15:38 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1482

Very odd. What device shows up when you go to Control Panel> Sounds> Audio?

You might try loading the beta SuperSID
program:http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe
        http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe.sha-256
When you click on the link or copy and paste to your browser your computer will ask if you want to download. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "'Ignacy J. Justyna' ijustyna@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Monday, January 12, 2015 11:33 AM
Subject: Re: [Super_SID] SuperSID issues

  I'm running XP. It is odd because my set up was running Ok for some time.

Sent from my iPhone

On Jan 12, 2015, at 10:35 AM, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

| What version of Windows are you running? Sent from Yahoo Mail on Android
| From:"'Ignacy J. Justyna' ijustyna@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Mon, Jan 12, 2015 at 9:12 AM
Subject:Re: [Super_SID] SuperSID issues

☐Melinda Thank you for the suggestions, and I suspected this was not typical of a 96 kHz sampling rate. I don't have anything else plugged in, the computer is dedicated for Super SID only. The USB sound card is the Prudent Way device and I'm not sure how to check if it is sterol mode or mono. The Super Sid manual indicates to install the driver for the sound card first and then install the card. However the sound card manual says to install the card and then install the software. Would that have an impact? I have done the driver update as well. On page 63 of the Super Sid manual there is are instructions to check the sampling rate of the card but in this situation, the choice for selecting "Device Control" does not show up. This is aggravating and I don't know if I have a bad sound card or if there is a Windows issue. I will keep trying to get this resolved. Regards, Ig
----- Original Message ----- From: WILLIAM MELINDA LORD ap_guardian@... [Super_SID] To: Super_SID@yahoogroups.com Sent: Sunday, January 11, 2015 3:06 PM Subject: Re: [Super_SID] SuperSID issues

| Your sound card setup isn't working/setup properly. You have a display typical of a 48 kHz sound card.
Is anything plugged into your orihinal card? If yes then unplug it.
Do you have a USB cam plugged in? Unplug that as well.
Does your USB sound card sample at 96 kHz in Stereo or Mono? The SuperSID only reads mono, so a 96 kHz stereo will not work.
The on board Audigy SE Sound Blaster- have you tried to install the newest driver

software? Go to and look down the page to latest downloads and select http://support.creative.com/Products/ProductDetails.aspx?catID=1&CatName=sound+blaster&prodID=14257&prodName=Audigy+SE
We prefer you use line-in, but you might also try mic in.
Let us know if any of this helps (or not:-(
Melinda

| From:"'Ignacy J. Justyna' ijustyna@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Sun, Jan 11, 2015 at 10:58 AM
Subject:[Super_SID] SuperSID issues

☐ Group I have been trying to trouble shoot my setup and have my doubts that my Super Sid monitor and SB Audigy sound card are configured correctly. I purchased a USB HD sound card and have a Super Sid output that looks much the same as my Audigy sound card. I have reviewed the Super Sid manual to setup the sound card but I don't get the Device Control option and can't check that the card is set to 96K. Attached are screen shots showing the USB and Audigy cards results and they don't resemble what I have seen on this group as "normal" Any suggestions as to what my setup problems might be would be very appreciated. Thanks, Ig |

|

|

|

1483. Re: [Super_SID] SuperSID issues

Yahoo group: Super_SID
Date: 2015-01-13 11:35:46 UTC
From: ijustyna@...
Topic: 1439 Message: 1483

It is odd. The device is SB Audigy but in Control Panel, Sounds, the Device Control selection does not show up and it used to be there so you could set the sampling rate. I'm willing to try the beta version! ----- Original Message ----- From: "WILLIAM & MELINDA LORD ap_guardian@yahoo.com [Super_SID]" To: "Super SID" Sent: Monday, January 12, 2015 9:15:38 PM Subject: Re: [Super_SID] SuperSID issues Very odd. What device shows up when you go to Control Panel> Sounds> Audio? You might try loading the beta SuperSID program: http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe.sha-256 When you click on the link or copy and paste to your browser your computer will ask if you want to download. Bill & Melinda Lord www.tnSkyNet.com www.radio-astronomy.org Light travels faster than sound. This is why some people appear bright until you hear them speak. :-) From: "'Ignacy J. Justyna' ijustyna@... [Super_SID]" To: "Super_SID@yahoogroups.com" Sent: Monday, January 12, 2015 11:33 AM Subject: Re: [Super_SID] SuperSID issues I'm running XP. It is odd because my set up was running Ok for some time. Sent from my iPhone On Jan 12, 2015, at 10:35 AM, WILLIAM & MELINDA LORD ap_guardian@yahoo.com [Super_SID] < Super_SID@yahoogroups.com > wrote: What version of Windows are you running? Sent from Yahoo Mail on Android From:"'Ignacy J. Justyna' ijustyna@... [Super_SID]" < Super_SID@yahoogroups.com > Date:Mon, Jan 12, 2015 at 9:12 AM Subject:Re: [Super_SID] SuperSID issues ☐ Melinda Thank you for the suggestions, and I suspected this was not typical of a 96 kHz sampling rate. I don't have anything else plugged in, the computer is dedicated for Super SID only. The USB sound card is the Prudent Way device and I'm not sure how to check if it is sterol mode or mono. The Super Sid manual indicates to install the driver for the sound card first and then install the card. However the sound card manual says to install the card and then install the software. Would that have an impact? I have done the driver update as well. On page 63 of the Super Sid manual there is are instructions to check the sampling rate of the card but in this situation, the choice for selecting "Device Control" does not show up. This is aggravating and I don't know if I have a bad sound card or if there is a Windows issue. I will keep trying to get this resolved. Regards, Ig
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1484. GOES display on Stanford site

Yahoo group: Super_SID
Date: 2015-01-18 23:01:22 UTC
From: WILLIAM & MELINDA LORD
Topic: 1484 Message: 1484

Hi Folks,
Thanks to Debbie Scherrer at Stanford for getting the flares from the GOES satellite back in the display of SIS data at SID Data Access
| |
| | | | | |
| SID Data AccessDon't Display Monitor Sunrise and Sunsets (Colored Arrows) Don't Display Station Sunrise and Sunsets (Black Arrows) |
| |
| View on sid.stanford.edu | Preview by Yahoo |
| |
| |

  Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1485. Fw: Asteroid Radar Signal

Yahoo group: Super_SID
Date: 2015-01-21 20:25:08 UTC
From: WILLIAM & MELINDA LORD
Topic: 1485 Message: 1485

Subject: Asteroid Radar Signal

Hello:

I received the following from Dr. Michael Busch, an asteroid researcher who specializes in radio/radar observations of such objects. He points out that, in an upcoming radar observation, the reflected radar signal from the asteroid may be detectable with amateur equipment.

I want to pass this along, since I suspect some of your readers may find this interesting.

Dave Finley, N1IRZ
Public Information Officer
National Radio Astronomy Observatory
Socorro, NM

****

  Listen In To Radar Observations of Near-Earth Asteroid 2004 BL86

  On 2015 January 26, the near-Earth asteroid 2004 BL86 will pass within 0.008 AU of Earth (3.1 times as far away as the Moon). This will be the closest approach to Earth by this asteroid for at least the next 240 years.

  As part of an extensive campaign of radar observations to learn about BL86's shape, spin state, and surface; and to refine knowledge of its trajectory; the Arecibo Observatory's S-band planetary radar plans to illuminate the asteroid with a continuous-wave signal over 2015 January 27 03:45 - 04:00 UTC. Over that time, BL86's radar echo will be received by elements of the Very Long Baseline Array and the Very Large Array in New Mexico. Anyone with an antenna and receiver capable of detecting the echo is welcome to listen in.

  BL86 will be above the horizon for most observers in North and South America, and for some parts of western Europe and western Africa. To readily detect its radar echo, observers should have an antenna with an effective collecting area of at least 10 square meters. BL86 will be moving rapidly across the sky. Over Jan 27 03:45 - 04:00, it will move by ~0.5°. The asteroid's exact position on the sky will depend on where it is observed from as well as the time, but will be near (RA,Dec) = (130°,+17°). A current ephemeris can be obtained from JPL's Horizons system: http://ssd.jpl.nasa.gov/?horizons .

  The Arecibo transmission will be tuned to give a nominal echo center frequency of exactly 2380 MHz at geocenter. Without correction for Earth's rotation, BL86's radar echo will appear as slowly-drifting and within 15 kHz

of 2380 MHz. Predicted echo frequency as a function of time for a given location can be obtained on-request by emailing Michael Busch (mbusch@...). We expect an echo bandwidth of 6 Hz or less.

  Details of the BL86 radar observing campaign at the Arecibo Observatory, NASA's Goldstone Solar System Radar facility, and the National Radio Astronomy Observatory are available at http://echo.jpl.nasa.gov/asteroids/2004BL86/2004BL86_planning.html .

###

1486. Using laptop with SuperSID

Yahoo group: Super_SID
Date: 2015-01-21 21:58:16 UTC
From: WILLIAM & MELINDA LORD
Topic: 1486 Message: 1486

We received the following from a SuperSID user about using laptops with the SuperSID:I bought a SuperSID at the last conference and played with it some here. I did find that it was noisy with my laptop, but I solved that by tying the can to ground. The laptop supply is not tied to earth, so the whole works floats. I don’t know if anyone else has had the same experience.

The other problem I had was that the “Beats” audio “feature” of my laptop has all sorts of hidden processing sort of like AGC to improve the sound coming from the crappy little speakers. It took me a while to figure that one out. And turn it off… Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1487. Programme crahes

Yahoo group: Super_SID
Date: 2015-01-21 22:08:33 UTC
From: jrpurdy@...
Topic: 1487 Message: 1487

I've been running a SuperSid Rx since Jun 2011 with no problems till about a year ago when the programme either freezes (and I have to try and shut it down and restart the programme, some times to the extent of turning off the computer and re-booting as the compute is frozen) or totally crashes (totally disappears from the screen as if I had shut it down.) Usually sometime before this happens (up to 12 hours) I get the following error message:

```
wxpython: stdout/stder
Traceback (most recent call last):
Memory Error
File "supersid.py", line 438, in on_timer
File "supersid.py", line 876, in on_timer
File "supersid.py", line 145, in update
File "matplotlib\backends\backend_wxagg.pyc", line 61 indraw
File "matplotlib\backends\backend_wxagg.pyc", line 163 in_convert_agg_to_wx_bitmap
Runtime Error: Failed to gain raw access to bit map data

Traceback (most recent call last)
Memory Error
File "supersid.py", line 438, in on_timer
File "supersid.py", line 876, in on_timer
File "supersid.py", line 142, in update
File "supersid.py", line 129, in capture_data
```

This last sequence is then repeated multiple times till the programme freezes or quits. Although I haven't verified this I suspect each of these repeats happens each hour when the programme trys to update the plot.
Has anyone else experienced this? Knows the cause or how to fix it? The computer is dedicated to SuperSid and is running no other programmes other than a wire less link to access the Internet when required.

John Purdy

1488. Re: [Super_SID] Programme crahes

Yahoo group: Super_SID
Date: 2015-01-21 22:23:08 UTC
From: WILLIAM & MELINDA LORD
Topic: 1487 Message: 1488

Are you running the SuperSID version that came on the CD or the downloaded Beta version?
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "jrpurdy@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Wednesday, January 21, 2015 4:08 PM
Subject: [Super_SID] Programme crahes

  I've been running a SuperSid Rx since Jun 2011 with no problems till about a year ago when the programme either freezes (and I have to try and shut it down and restart the programme, some times to the extent of turning off the computer and re-booting as the compute is frozen) or totally crashes (totally disappears from the screen as if I had shut it down.) Usually sometime before this happens (up to 12 hours) I get the following error message:

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File "matplotlib\backends\backend_wxagg.pyc", line 163 in_convert_agg_to_wx_bitmap
Runtime Error: Failed to gain raw access to bit map data

Traceback (most recent call last)
Memory Error
File "supersid.py", line 438, in on_timer
File "supersid.py", line 876, in on_timer
File "supersid.py", line 142, in update
File "supersid.py", line 129, in capture_data

This last sequence is then repeated multiple times till the programme freezes or quits. Although I haven't verified this I suspect each of these repeats happens each hour when the programme trys to update the plot.
Has anyone else experienced this? Knows the cause or how to fix it? The computer is dedicated to SuperSid and is running no other programmes other than a wire less link to access the Internet when required.

John Purdy

1489. Re: [Super_SID] Programme crahes

Yahoo group: Super_SID
Date: 2015-01-21 22:29:08 UTC
From: John Purdy
Topic: 1487 Message: 1489

I'm running Supersid 1.2.0 (I should have stated that!)
John Purdy

1490. Re: [Super_SID] Programme crahes

Yahoo group: Super_SID
Date: 2015-01-26 02:31:33 UTC
From: WILLIAM & MELINDA LORD
Topic: 1487 Message: 1490

Hi John,
I was hoping one of the software guys would answer you, but I have not seen any reply yet unless you received a private message.
Have you tried reloading the software? Are you saving files hourly? If yes, have you tried changing the config file to stop saving files hourly?
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "jrpurdy@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Wednesday, January 21, 2015 5:08 PM
Subject: [Super_SID] Programme crahes

  I've been running a SuperSid Rx since Jun 2011 with no problems till about a year ago when the programme either freezes (and I have to try and shut it down and restart the programme, some times to the extent of turning off the computer and re-booting as the compute is frozen) or totally crashes (totally disappears from the screen as if I had shut it down.) Usually sometime before this happens (up to 12 hours) I get the following error message:

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Runtime Error: Failed to gain raw access to bit map data

Traceback (most recent call last)
Memory Error
File "supersid.py", line 438, in on_timer
File "supersid.py", line 876, in on_timer
File "supersid.py", line 142, in update
File "supersid.py", line 129, in capture_data

This last sequence is then repeated multiple times till the programme freezes or quits. Although I haven't verified this I suspect each of these repeats happens each hour when the programme trys to update the plot.
Has anyone else experienced this? Knows the cause or how to fix it? The computer is dedicated to SuperSid and is running no other programmes other than a wire less link to access the Internet when required.

John Purdy

1491. Re: [Super_SID] Programme crahes

Yahoo group: Super_SID
Date: 2015-01-26 14:56:08 UTC
From: Jaap Akkerhuis
Topic: 1487 Message: 1491

Apologies, I didn't had the time yet to answer yet.

> On Jan 21, 2015, at 23:08, jrpurdy@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> I've been running a SuperSid Rx since Jun 2011 with no problems till about a year ago when the programme either freezes (and I have to try and shut it down and restart the programme, some times to the extent of turning off the computer and re-booting as the compute is frozen) or totally crashes (totally disappears from the screen as if I had shut it down.) Usually sometime before this happens (up to 12 hours) I get the following error message:

Never saw this before. I assume you didn't change anything when
this started to happen. Given is complains with "Memory Error" I
suspect that there is a hardware problem of some sort. I would
suggest to run some diagnostics. If it really happens every hour
and you use the option hourly_safe I woud certainly check the disk.

jaap

>
> wxpython: stdout/stder
> Traceback (most recent call last):
> Memory Error
> File "supersid.py", line 438, in on_timer
> File "supersid.py", line 876, in on_timer
> File "supersid.py", line 145, in update
> File "matplotlib\backends\backend_wxagg.pyc", line 61 indraw
> File "matplotlib\backends\backend_wxagg.pyc", line 163 in_convert_agg_to_wx_bitmap
> Runtime Error: Failed to gain raw access to bit map data
>
> Traceback (most recent call last)
> Memory Error
> File "supersid.py", line 438, in on_timer
> File "supersid.py", line 876, in on_timer
> File "supersid.py", line 142, in update
> File "supersid.py", line 129, in capture_data
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> This last sequence is then repeated multiple times till the programme freezes or quits. Although I haven't verified this I suspect each of these repeats happens each hour when the programme trys to update the plot.
> Has anyone else experienced this? Knows the cause or how to fix it? The computer is dedicated to SuperSid and is running no other programmes other than a wire less link to access the Internet when required.
>
> John Purdy

1492. Re: [Super_SID] Programme crahes

Yahoo group: Super_SID
Date: 2015-01-26 19:20:17 UTC
From: John Purdy
Topic: 1487 Message: 1492

Melinda
Thanks for your reply (the only response I've had so far). Yes I've reloaded the programme a couple of times and I am saving the files hourly. I'll try turning the hourly save off and see what happens.

I've just got a reply from Jaap. For Jaap , I have run some diagnostics on the disk and everything appears normal. As I mentioned the computer is not running any other programmes (although there are other programmes loaded) and when the programme crashes but doesn't freeze the computer I can run these other programmes with no problem, (Microsoft office, Internet Ex, Adobe reader, firefox etc.) so I suspect the disk is ok. The error msgs are the same for either, when the programme stops functioning with the sound card plot still being displayed on the screen, but can't be shut down and the computer is frozen requiring a re-boot, or when it just shuts down itself as if I had closed it and the computer is still functioning normally.
John

On 25/01/2015 18:31, WILLIAM & MELINDA LORD ap_guardian@...
[Super_SID] wrote:
> Hi John,
>
> I was hoping one of the software guys would answer you, but I have not
> seen any reply yet unless you received a private message.
>
> Have you tried reloading the software? Are you saving files hourly?
> If yes, have you tried changing the config file to stop saving files
> hourly?
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ---
> *From:* "jrpurdy@... [Super_SID]" <Super_SID@yahoogroups.com>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Wednesday, January 21, 2015 5:08 PM
> *Subject:* [Super_SID] Programme crahes
>
> I've been running a SuperSid Rx since Jun 2011 with no problems till
> about a year ago when the programme either freezes (and I have to try
> and shut it down and restart the programme, some times to the extent
> of turning off the computer and re-booting as the compute is frozen)

> or totally crashes (totally disappears from the screen as if I had
> shut it down.) Usually sometime before this happens (up to 12 hours)
> I get the following error message:
>
> wxpython: stdout/stder
> Traceback (most recent call last):
> Memory Error
> File "supersid.py", line 438, in on_timer
> File "supersid.py", line 876, in on_timer
> File "supersid.py", line 145, in update
> File "matplotlib\backends\backend_wxagg.pyc", line 61 indraw
> File "matplotlib\backends\backend_wxagg.pyc", line 163
> in_convert_agg_to_wx_bitmap
> Runtime Error: Failed to gain raw access to bit map data
>
> Traceback (most recent call last)
> Memory Error
> File "supersid.py", line 438, in on_timer
> File "supersid.py", line 876, in on_timer
> File "supersid.py", line 142, in update
> File "supersid.py", line 129, in capture_data
>
> This last sequence is then repeated multiple times till the programme
> freezes or quits. Although I haven't verified this I suspect each of
> these repeats happens each hour when the programme trys to update the
> plot.
> Has anyone else experienced this? Knows the cause or how to fix it?
> The computer is dedicated to SuperSid and is running no other
> programmes other than a wire less link to access the Internet when
> required.
>
> John Purdy
>
>
> < /span>
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2015.0.5645 / Virus Database: 4273/8997 - Release Date: 01/25/15
>

1493. Re: [Super_SID] Programme crahes

Yahoo group: Super_SID
Date: 2015-01-30 19:56:12 UTC
From: WILLIAM & MELINDA LORD
Topic: 1487 Message: 1493

Hi John,
Wanted to check and see if you have had any luck with your SSID software.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "John Purdy jrpurdy@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Monday, January 26, 2015 1:20 PM
Subject: Re: [Super_SID] Programme crahes

  Melinda
  Thanks for your reply (the only response I've had so far). Yes I've reloaded the programme a couple of times and I am saving the files hourly. I'll try turning the hourly save off and see what happens.

  I've just got a reply from Jaap. For Jaap , I have run some diagnostics on the disk and everything appears normal. As I mentioned the computer is not running any other programmes (although there are other programmes loaded) and when the programme crashes but doesn't freeze the computer I can run these other programmes with no problem, (Microsoft office, Internet Ex, Adobe reader, firefox etc.) so I suspect the disk is ok. The error msgs are the same for either, when the programme stops functioning with the sound card plot still being displayed on the screen, but can't be shut down and the computer is frozen requiring a re-boot, or when it just shuts down itself as if I had closed it and the computer is still functioning normally.
John

On 25/01/2015 18:31, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] wrote:

  Hi John,
I was hoping one of the software guys would answer you, but I have not seen any reply yet unless you received a private message.
Have you tried reloading the software? Are you saving files hourly? If yes, have you tried changing the config file to stop saving files hourly?
  Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "jrpurdy@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Wednesday, January 21, 2015 5:08 PM
Subject: [Super_SID] Programme crahes

I've been running a SuperSid Rx since Jun 2011 with no problems till about a year ago when the programme either freezes (and I have to try and shut it down and restart the programme, some times to the extent of turning off the computer and re-booting as the compute is frozen) or totally crashes (totally disappears from the screen as if I had shut it down.) Usually sometime before this happens (up to 12 hours) I get the following error message:

wxpython: stdout/stder
Traceback (most recent call last):
Memory Error
File "supersid.py", line 438, in on_timer
File "supersid.py", line 876, in on_timer
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File "matplotlib\backends\backend_wxagg.pyc", line 61 indraw
File "matplotlib\backends\backend_wxagg.pyc", line 163 in_convert_agg_to_wx_bitmap
Runtime Error: Failed to gain raw access to bit map data

Traceback (most recent call last)
Memory Error
File "supersid.py", line 438, in on_timer
File "supersid.py", line 876, in on_timer
File "supersid.py", line 142, in update
File "supersid.py", line 129, in capture_data

This last sequence is then repeated multiple times till the programme freezes or quits. Although I haven't verified this I suspect each of these repeats happens each hour when the programme trys to update the plot.
Has anyone else experienced this? Knows the cause or how to fix it? The computer is dedicated to SuperSid and is running no other programmes other than a wire less link to access the Internet when required.

John Purdy

< /span>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.5645 / Virus Database: 4273/8997 - Release Date: 01/25/15

1494. Re: [Super_SID] Programme crahes

Yahoo group: Super_SID
Date: 2015-01-30 20:44:58 UTC
From: John Purdy
Topic: 1487 Message: 1494

Melinda
The programme is still running since it's last re-boot (19 Jan). Just waiting to see if it does it again. I have it also running (without the input to the sound card) on my normal computer that I use every day to see if it crashes here also. It's configured the same except that there is no ant. input. I figure that if this one runs no problem and the one on the dedicated computer still crashes then that would appear to point to a intermittent hardware problem with the dedicated computer. I have a friend that did all the maintenance and upgrades for the RCMP computers here in Comox till he retired last summer. I am going to get ahold of him and see if he has any extensive memory diagnostic that we could run. Let you know what happens.
John

On 30/01/2015 11:56, WILLIAM & MELINDA LORD ap_guardian@...
[Super_SID] wrote:
> Hi John,
>
> Wanted to check and see if you have had any luck with your SSID software.
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ---
> *From:* "John Purdy jrpurdy@... [Super_SID]"
> <Super_SID@yahoogroups.com>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Monday, January 26, 2015 1:20 PM
> *Subject:* Re: [Super_SID] Programme crahes
>
> Melinda
> Thanks for your reply (the only response I've had so far). Yes I've
> reloaded the programme a couple of times and I am saving the files
> hourly. I'll try turning the hourly save off and see what happens.
>
> I've just got a reply from Jaap. For Jaap , I have run some
> diagnostics on the disk and everything appears normal. As I mentioned
> the computer is not running any other programmes (although there are
> other programmes loaded) and when the programme crashes but doesn't
> freeze the computer I can run these other programmes with no problem,
> (Microsoft office, Internet Ex, Adobe reader, firefox etc.) so I
> suspect the disk is ok. The error msgs are the same for either, when

> the programme stops functioning with the sound card plot still being
> displayed on the screen, but can't be shut down and the computer is
> frozen requiring a re-boot, or when it just shuts down itself as if I
> had closed it and the computer is still functioning normally.
> John
>
>
>
>
> On 25/01/2015 18:31, WILLIAM & MELINDA LORD ap_guardian@...
> <mailto:ap_guardian@...> [Super_SID] wrote:
>> Hi John,
>>
>> I was hoping one of the software guys would answer you, but I have
>> not seen any reply yet unless you received a private message.
>>
>> Have you tried reloading the software? Are you saving files hourly?
>> If yes, have you tried changing the config file to stop saving files
>> hourly?
>> Bill & Melinda Lord
>> www.tnSkyNet.com <http://www.tnskynet.com/>
>> www.radio-astronomy.org <http://www.radio-astronomy.org/>
>>
>> Light travels faster than sound. This is why some people appear
>> bright until you hear them speak. :-)
>>
>> ---
>> *From:* "jrpurdy@... [Super_SID]"
>> <mailto:jrpurdy@...[Super_SID]> <Super_SID@yahoogroups.com>
>> <mailto:Super_SID@yahoogroups.com>
>> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
>> *Sent:* Wednesday, January 21, 2015 5:08 PM
>> *Subject:* [Super_SID] Programme crahes
>>
>> I've been running a SuperSid Rx since Jun 2011 with no problems till
>> about a year ago when the programme either freezes (and I have to try
>> and shut it down and restart the programme, some times to the extent
>> of turning off the computer and re-booting as the compute is frozen)
>> or totally crashes (totally disappears from the screen as if I had
>> shut it down.) Usually sometime before this happens (up to 12 hours)
>> I get the following error message:
>>
>> wxpython: stdout/stder
>> Traceback (most recent call last):
>> Memory Error
>> File "supersid.py", line 438, in on_timer
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>> File "supersid.py", line 145, in update
>> File "matplotlib\backends\backend_wxagg.pyc", line 61 indraw
>> File "matplotlib\backends\backend_wxagg.pyc", line 163

>> in_convert_agg_to_wx_bitmap
>> Runtime Error: Failed to gain raw access to bit map data
>>
>> Traceback (most recent call last)
>> Memory Error
>> File "supersid.py", line 438, in on_timer
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>> File "supersid.py", line 142, in update
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>> This last sequence is then repeated multiple times till the programme
>> freezes or quits. Although I haven't verified this I suspect each of
>> these repeats happens each hour when the programme trys to update the
>> plot.
>> Has anyone else experienced this? Knows the cause or how to fix it?
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>> programmes other than a wire less link to access the Internet when
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>> John Purdy
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>> < /span>
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>> No virus found in this message.
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>> Version: 2015.0.5645 / Virus Database: 4273/8997 - Release Date: 01/25/15
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> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2015.0.5645 / Virus Database: 4273/9020 - Release Date: 01/29/15
>

1495. Re: Programme crashes

Yahoo group: Super_SID
Date: 2015-02-04 20:45:16 UTC
From: John Purdy
Topic: 1495 Message: 1495

Melinda and Jaap
Further to my last, the programmes were running on both computers last night when I went to bed but when I checked this AM at 10:00 local both were showing the error msgs. There were three different msgs this time as follows:
The Traceback/ Runtime Error the same as I've already listed (repeated 32 times) inter-spaced with two slightly different Memory Error msgs.

File "supersid.py". line 438, in on_timer
" " " 876, in on_timer
" " " 144, in update
File "metaplotlib\mlab.pyc" line 7862, in psd
" " " 388, in psd
" " " 148, in csd
" " " 258,
in_spectral_helper
MemoryError

This one three times, and the following four times:

File "supersid.py" line 438, in on_timer
876, in on_timer
142, in update
129, in capture data
MemoryError

The plot had updated OK at the last hour.
While checking the error msgs file on my everyday computer (for lack of a better name) the error msgs appeared to be the same but as I was counting them the programme shut down completely, partially freezing the computer. Some programmes would work but I couldn't access e-mail or the Internet.
A soft boot brought it back but slower than normal.

On checking the dedicated computer at 1105 local the programme was still running and had updated the plot but there were 24 more instances of the Runtime Error msg and 7 more of the Memory Error msg in the error file.

Checked again at 11:30 and there are 30 more Runtime Error msgs!!

Checked again at 12:30 the programme is still running and has updated the plot but there are multiple more Runtime Error msgs as well as a System run time error msg (first time that has shown up).

I'll let it run till it crashes then I'll uninstall it and re- download and install it and see what happens, unless anyone else has another idea!
John Purdy

1496. Re: Programme crashes

Yahoo group: Super_SID
Date: 2015-02-04 22:47:20 UTC
From: John Purdy
Topic: 1495 Message: 1496

Further to my last, on checking the dedicated computer at about 13:30 it was adding an error msg to the error file about every 10 secs then a System error msg came up "Virtual memory low" then after about 10 more secs another System error msg "Out of virtual memory" and the computer froze requiring a hard re-boot. Both computers have the virtual memory allocation set at the maximum size allowed. I have now uninstalled the programme from both computers, re-downloaded the programme, and re-installed it on both computers. It's now up and running on both. See how long it lasts this time!!! Because it crashed on both computers this AM with the same error msgs I can't see it being a computer problem. Perhaps my initial download was corrupted?
John Purdy

1497. SuperSID and Raspberry Pi

Yahoo group: Super_SID
Date: 2015-02-05 02:25:42 UTC
From: Scott Lookabill
Topic: 1439 Message: 1497

Has anyone looked at the specs for Raspberry Pi and SuperSID software, and seen if they could be used together? I just moved, and the places where I can put my antenna are limited, and can't/don't want to put a full computer at the end of the coax there. I've been exploring Raspberry Pi for other Radio astronomy uses, and was wondering if anyone had tried it for SuperSID?

Thanks,
Scott Lookabill

1498. RE: [Super_SID] SuperSID and Raspberry Pi

Yahoo group: Super_SID
Date: 2015-02-05 16:02:38 UTC
From: Ciprian Sufitchi
Topic: 1439 Message: 1498

Hi Scott,

I used R-Pi for SID detection about a year ago, running a Linux version of SuperSID and VLF Tools. If you want sampling higher than 48 kHz you may want to use Wolfson audio card on top of your R-Pi board.

I had a presentation at SARA Conference in 2014 about using R-Pi for SID detection projects. I could email it to you, if you want.

Now with the Raspberry Pi 2 just released, which claims to be 6 times faster than the standard Raspberry Pi, and able to run a free developer edition of Windows 10, I wonder if that opens the gates for this little device to more SID/VLF applications.

Chip N2YO

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, February 04, 2015 9:26 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] SuperSID and Raspberry Pi

Has anyone looked at the specs for Raspberry Pi and SuperSID software,
and seen if they could be used together? I just moved, and the places
where I can put my antenna are limited, and can't/don't want to put a
full computer at the end of the coax there. I've been exploring
Raspberry Pi for other Radio astronomy uses, and was wondering if anyone
had tried it for SuperSID?

Thanks,
Scott Lookabill

1499. RE: [Super_SID] SuperSID and Raspberry Pi

Yahoo group: Super_SID
Date: 2015-02-06 13:09:52 UTC
From: sboerner@...
Topic: 1439 Message: 1499

I too would be interested in seeing your Raspberry Pi/SuperSID PowerPoint presentation. The noise level at my location is a real problem. A Pi and a solar charged battery open up more possibilities. If you are willing to share would you consider posting it to the files section of this group:
https://groups.yahoo.com/neo/groups/Super_SID/files
https://groups.yahoo.com/neo/groups/Super_SID/files

Thanks

1500. RE: [Super_SID] SuperSID and Raspberry Pi

Yahoo group: Super_SID
Date: 2015-02-06 19:24:22 UTC
From: 24launch@...
Topic: 1439 Message: 1500

I 3rd that request for the presentation. Hopefully it's small enough to post or perhaps you could zip/compress it down.

Scott, I too thought the Raspberry Pi would be great for this especially with it's ultra low power consumption (do buy a 2ah adapter though). I bought the Wolfson Audio card but unfortunately to use it you have 2 choices: 1) use their non-upgradable Raspian image; 2) use the Official Raspian OS but then you have to compile the drivers yourself initially and every time there's a kernel update and deal with the headaches that will create.

True there's a supportive community and one user in particular has gone out of his way to provide libraries and instructions for compiling, but it's a shame that even a year later Wolfson (now owned by Cirrus Logic) never managed to get their drivers into the official Raspian release. There are some technical issues specifically with the current kernel of Raspian that has prevented this and they hope the next MAJOR kernel release (3.17 or 3.18 I believe) will resolve this.

But until then you will pretty much need to dedicate the Pi to Super SID and not much else.

To that point, though the Pi 2 might be able to run Windows 10, it's probably very doubtful Wolfson / Cirrus Logic would be releasing Windows 10 drivers for it any time soon.

Spec-wise the card looks like a very well engineered piece of tech and from what I read is a far far better choice than trying to use a USB sound card.

I haven't given up on using it for SID and perhaps I should just buy a new Pi 2 so I can dedicate the old one to SID.

Wayne

1501. RE: [Super_SID] SuperSID and Raspberry Pi

Yahoo group: Super_SID
Date: 2015-02-07 18:03:20 UTC
From: Anthony J. Kroes
Topic: 1439 Message: 1501

I would be interested in that as well. I have a Pi and am not doing anything with it currently….. Is that presentation available for SARA members on the website somewhere?

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Thursday, February 05, 2015 10:03 AM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] SuperSID and Raspberry Pi

Hi Scott,

I used R-Pi for SID detection about a year ago, running a Linux version of SuperSID and VLF Tools. If you want sampling higher than 48 kHz you may want to use Wolfson audio card on top of your R-Pi board.

I had a presentation at SARA Conference in 2014 about using R-Pi for SID detection projects. I could email it to you, if you want.

Now with the Raspberry Pi 2 just released, which claims to be 6 times faster than the standard Raspberry Pi, and able to run a free developer edition of Windows 10, I wonder if that opens the gates for this little device to more SID/VLF applications.

Chip N2YO

From: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> [mailto:Super_SID@yahoogroups.com <mailto:Super_SID@yahoo%20groups.com>]
Sent: Wednesday, February 04, 2015 9:26 PM
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Subject: [Super_SID] SuperSID and Raspberry Pi

Has anyone looked at the specs for Raspberry Pi and SuperSID software,
and seen if they could be used together? I just moved, and the places
where I can put my antenna are limited, and can't/don't want to put a
full computer at the end of the coax there. I've been exploring
Raspberry Pi for other Radio astronomy uses, and was wondering if anyone
had tried it for SuperSID?

Thanks,
Scott Lookabill

1502. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2015-02-08 06:45:25 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1502

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /SID Monitoring Using Raspberry Pi.pdf
Uploaded by : Ciprian_Sufitchi <ciprian@...>
Description : SID Monitoring using Raspberry Pi

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/Super_SID/files/SID%20Monitoring%20Using%20Raspberry%20Pi.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

Ciprian_Sufitchi <ciprian@...>

1503. RE: [Super_SID] SuperSID and Raspberry Pi

Yahoo group: Super_SID
Date: 2015-02-08 06:46:13 UTC
From: Ciprian Sufitchi
Topic: 1439 Message: 1503
Attachments: 3 described; binary payloads are missing from this source WARC

The document is in the group’s files section.

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Friday, February 06, 2015 2:24 PM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] SuperSID and Raspberry Pi

I 3rd that request for the presentation. Hopefully it's small enough to post or perhaps you could zip/compress it down.

Scott, I too thought the Raspberry Pi would be great for this especially with it's ultra low power consumption (do buy a 2ah adapter though). I bought the Wolfson Audio card but unfortunately to use it you have 2 choices: 1) use their non-upgradable Raspian image; 2) use the Official Raspian OS but then you have to compile the drivers yourself initially and every time there's a kernel update and deal with the headaches that will create.

True there's a supportive community and one user in particular has gone out of his way to provide libraries and instructions for compiling, but it's a shame that even a year later Wolfson (now owned by Cirrus Logic) never managed to get their drivers into the official Raspian release. There are some technical issues specifically with the current kernel of Raspian that has prevented this and they hope the next MAJOR kernel release (3.17 or 3.18 I believe) will resolve this.

But until then you will pretty much need to dedicate the Pi to Super SID and not much else.

To that point, though the Pi 2 might be able to run Windows 10, it's probably very doubtful Wolfson / Cirrus Logic would be releasing Windows 10 drivers for it any time soon.

Spec-wise the card looks like a very well engineered piece of tech and from what I read is a far far better choice than trying to use a USB sound card.

I haven't given up on using it for SID and perhaps I should just buy a new Pi 2 so I can dedicate the old one to SID.

Wayne

1504. RE: [Super_SID] SuperSID and Raspberry Pi

Yahoo group: Super_SID
Date: 2015-02-08 14:40:51 UTC
From: 24launch@...
Topic: 1439 Message: 1504

Thanks Chip!!

BTW Scott, I see that if you have the older A or B models (I have the B) instead of the A+ or B+, you can still use a newer image that Cirrus Logic released and is at least kernel 3.12 (instead of 3.10). You won't find it on the older Wolfson support page but rather on the new Cirrus Logic page for the new version of the sound card.

Also I wasn't keeping up with the Pi Foundation but they are already releasing the new 3.18 kernel. I see a lot of issues right now but it shouldn't be too long hopefully before Cirrus Logic will upstream the drivers into the official Raspian released.

Going to spend the day resetting up my Pi with this image and hopefully get this working. Will make my wife happy that the big antenna on the bedroom wall (was based place to put it) might actually be used!

Wayne

1505. RE: [Super_SID] SuperSID and Raspberry Pi

Yahoo group: Super_SID
Date: 2015-02-08 16:43:06 UTC
From: 24launch@...
Topic: 1439 Message: 1505

Chip, that was a most excellent write-up!

Do you know if Eric has resolved the problems sampling over 48KHz? I poked around on his Github area but I don't see any updates specifically mentioning that. Can you tell us what problems you encountered? I can email him to see if he's resolved them.

Thanks again for uploading that for us!

Wayne

1506. Re: RE: [Super_SID] SuperSID and Raspberry Pi

Yahoo group: Super_SID
Date: 2015-02-08 23:05:32 UTC
From: ericgibert@...
Topic: 1439 Message: 1506

Hi Wayne
I did not continue exploring on the 96kHz sampling. I sample at 48kHz as my stations are in Asia.
My investigations pointed to kernel lack of efficient support for 96kHz, which has been officially fixed 6 months+ ago. I have purchased a Pi B+ a couple of months ago and installed Pidora 20... but then I was sidetracked by another project. I will try to find a couple of hours to try.
Note: i am using a USB sound card which samples at 96kHz on windows (good driver) but not on Pi (old raspian and old pidora 18)
note 2: soft and doc on github still good and supported. I have improved the supersid_plot.py
--
Sent from myMail app for Android
Monday, 09 February 2015, 00:43AM +08:00 from "24launch@gmail.com [Super_SID]" <Super_SID@yahoogroups.com>:
Chip, that was a most excellent write-up!
Do you know if Eric has resolved the problems sampling over 48KHz? I poked around on his Github area but I don't see any updates specifically mentioning that. Can you tell us what problems you encountered? I can email him to see if he's resolved them.
Thanks again for uploading that for us!
Wayne

1507. Re: RE: [Super_SID] SuperSID and Raspberry Pi

Yahoo group: Super_SID
Date: 2015-02-11 01:25:32 UTC
From: 24launch@...
Topic: 1439 Message: 1507

Hi Eric!

First off, thanks for all your work on the Linux port of the SuperSID software!

Do you know what kernel version fixed the 96KHz issue?

I just rebuilt my Pi using the All-In-One image from Cirrus Logic. It's the newer one they just released with the Wolfson card for the Pi B+, but the drivers all work for the older B boards fortunately.

It's built on the Raspbian kernel 3.12.33+

Linux raspberrypi 3.12.33+ #12 PREEMPT Wed Dec 3 09:36:24 GMT 2014 armv6l GNU/Linux

I tried to find a release history for Raspbian but haven't found one yet. It says Dec 3 2014 but I think that may just be when they compiled it with the Wolfson drivers.

HOPEFULLY it's recent enough to include the 96KHz fix. I cannot upgrade it or it breaks the driver and I'm back with a useless sound card.

I will forge ahead with setting this up and hopefully be able to easily determine if the bug is still there.

Regards,

Wayne

1508. Moved, trying to figure out SuperSID Issues

Yahoo group: Super_SID
Date: 2015-02-11 00:19:48 UTC
From: Scott Lookabill
Topic: 1439 Message: 1508
Attachments: 5 described; binary payloads are missing from this source WARC

So, I just finished my move(Arkansas -> Georgia), and have been trying to get my SID setup back working. Before the move I used to get a decently flat line on NAA, and could easily spot SIDs, now that I've moved I just am seeing the attached images results, which generally don't conform to what I thought I should see.

Ideas that I can think of to try: 1 rewind the antenna, try a different location/angle, as it might be below a furnace and above a gas fireplace... any other ideas/suggestions? Or am I just misinterpreting the data, and I'm getting good data?

Thank,
Scott Lookabill

1509. Re: [Super_SID] Moved, trying to figure out SuperSID Issues [6 Attachments]

Yahoo group: Super_SID
Date: 2015-02-16 16:31:21 UTC
From: WILLIAM & MELINDA LORD
Topic: 1439 Message: 1509

sorry for the late reply.

Try moving the antenna to a different location if possible. also try pointing the edge of the antenna towards your best station. You might have to settle for monitoring fewer stations that give you the cleanest charts.

Sent from Yahoo Mail on Android

From:"Scott Lookabill scott.lookabill@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Tue, Feb 10, 2015 at 10:22 PM
Subject:[Super_SID] Moved, trying to figure out SuperSID Issues [6 Attachments]

[Attachment(s) from Scott Lookabill scott.lookabill@... [Super_SID] included below]

So, I just finished my move(Arkansas -> Georgia), and have been trying
to get my SID setup back working. Before the move I used to get a
decently flat line on NAA, and could easily spot SIDs, now that I've
moved I just am seeing the attached images results, which generally
don't conform to what I thought I should see.

Ideas that I can think of to try: 1 rewind the antenna, try a different
location/angle, as it might be below a furnace and above a gas
fireplace... any other ideas/suggestions? Or am I just misinterpreting
the data, and I'm getting good data?

Thank,
Scott Lookabill

1510. SARA Western Conference March 20-22 at Stanford

Yahoo group: Super_SID
Date: 2015-02-18 17:15:16 UTC
From: WILLIAM & MELINDA LORD
Topic: 1510 Message: 1510

Hi Folks,There is still time to register for the upcoming Western Conference at Stanford University in Palo Alto, California. Marriott Courtyard has rooms at a special rates for attendees until March 5.Information about the conference and hotel can be found at 2015 SARA Western Regional Conference 20-22 March, 2015 | Society of Amateur Radio Astronomers

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| 2015 SARA Western Regional Conference 20-22 March, ...Palo Alto, California, USA on 20 - 22 March 2015 |
| |
| View on www.radio-astrono... | Preview by Yahoo |
| |
| |

We have two speakers from the SETI Institute; Jon Richards and Jack Welch; three speakers from Stanford as well as SARA member presentations on various projects. There will be something for the new radio astronomer as well as the experienced. Abstracts can be found at 2015 Western Conference Abstracts as of 02/18/2015 | Society of Amateur Radio Astronomers

| |
| | | | | |
| 2015 Western Conference Abstracts as of 02/18/2015 | Society of Amateur Radio AstronomersLow Noise Feeds for the Allen Telescope Array Jack Welch, UC Berkeley Graduate School Abstract: |
| |
| View on www.radio-astronomy.org | Preview by Yahoo |
| |
| |

  Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1511. Sudden Ionosphere Disturbance (SID) for M4.1 class solar eruption 2015 03 02 UT.

Yahoo group: Super_SID
Date: 2015-03-03 13:04:18 UTC
From: Dr. S.Aguirre
Topic: 1511 Message: 1511

Hi everyone.....

Send detection- report of sudden ionosphere disturbance (SID) for X3.3 class solar eruption today,2015 03 02 UT

Images here:

http://goo.gl/tGM4YX

Salvador Aguirre
SARA/AAVSO.
Son, Mex.

1512. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2015-03-03 13:13:25 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1512

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /m2 yo (1) editada.JPG
Uploaded by : drsaguirre <drsaguirre@...>
Description : M4.1, 2015 03 02 UT

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/Super_SID/files/m2%20yo%20%281%29%20editada.JPG

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

drsaguirre <drsaguirre@...>

1513. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2015-03-04 14:10:52 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1513

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /MPO/SSID PLOT 3.2.15.bmp
Uploaded by : jtegerdine <jtegerdine@...>
Description : 3 flares on Mar. 2, 2015

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/Super_SID/files/MPO/SSID%20PLOT%203.2.15.bmp

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

jtegerdine <jtegerdine@...>

1514. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2015-03-04 14:16:24 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1514

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /MPO/SSID PLOT 3.3.15.bmp
Uploaded by : jtegerdine <jtegerdine@...>
Description : M8.2 on Mar. 3, 2015

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/Super_SID/files/MPO/SSID%20PLOT%203.3.15.bmp

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

jtegerdine <jtegerdine@...>

1515. SARA Western Conference

Yahoo group: Super_SID
Date: 2015-03-04 16:34:56 UTC
From: WILLIAM & MELINDA LORD
Topic: 1515 Message: 1515

Hi Folks,
Tomorrow, March 5, is the last day to get a discounted rate for a hotel room.
Hotel reservations: Marriott Courtyard Palo Alto Los AltosLast day to book by: 3/5/15Marriott hotel(s) offering SARA a special group rate:Courtyard Palo Alto Los Altos for 129.00 USD per nightBook your group rate: SARA >> We have speakers from Berkley (Allen Telescope Array), SETI Institute, Stanford University as well as SARA members. Friday afternoon we have a tour of the Institute for Particle Astrophysics and Cosmology (KIPAC).
You can find abstract, the tentative schedule and maps at
http://www.radio-astronomy.org/meetingsScroll down to 2015 SARA Western Region Conference

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1516. Noise produced due UPS

Yahoo group: Super_SID
Date: 2015-03-07 20:04:54 UTC
From: kamran.mukhtar@...
Topic: 1516 Message: 1516

Dear,
Have anybody noticed noise produced by uninterrupted power supply (UPS) in SID monitoring. Either it is nearby SID antenna or power is supplied through it.

1517. Sudden Ionosphere Disturbance (SID) for solar eruption , M9.2 class: 2015 03 07 UT.

Yahoo group: Super_SID
Date: 2015-03-08 14:07:19 UTC
From: Dr. S.Aguirre
Topic: 1517 Message: 1517

Hi Everyone.

Date: 2015 03 07 UT,

Site: 29.10 N , -110.96

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid)
Solar Event: Flare M9.2

Active Region: 2297.

SID`s Images here:

http://goo.gl/kRA1Jn

regards

Salvador Aguirre
SARA/AAVSO.
Son, Mex.

1518. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2015-03-08 14:13:36 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1518

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /M9.2 editada 2.png
Uploaded by : drsaguirre <drsaguirre@...>
Description : Sudden Ionosphere Disturbance (SID) for solar eruption , M9.2 class: 2015 03 07 UT.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/Super_SID/files/M9.2%20editada%202.png

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

drsaguirre <drsaguirre@...>

1519. Re: [Super_SID] Noise produced due UPS

Yahoo group: Super_SID
Date: 2015-03-08 14:53:02 UTC
From: WILLIAM & MELINDA LORD
Topic: 1516 Message: 1519

We use UPS's and have not noticed increased noise. But, any electrics device can go bad and throw off RF. At NRAO they traced RF to an electric heating pad that was still working but was going bad.

Sent from Yahoo Mail on Android

From:"kamran.mukhtar@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Sat, Mar 7, 2015 at 2:04 PM
Subject:[Super_SID] Noise produced due UPS

Dear,

Have anybody noticed noise produced by uninterrupted power supply (UPS) in SID monitoring. Either it is nearby SID antenna or power is supplied through it.

1520. Sudden Ionosphere Disturbance (SID) for solar eruption , M5.8, (Rayos X) . 2015 03 09 UT

Yahoo group: Super_SID
Date: 2015-03-10 12:56:57 UTC
From: Dr. S.Aguirre
Topic: 1520 Message: 1520

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event: Flare M5.8

Date: 2015 03 09 UT,
Time: 23:29-00:12 hrs UT.

Site: 29.10 N , -110.96

Solar Active Region: 2297.

SID`s Images here:

http://goo.gl/6EYxbJ

regards

Salvador Aguirre
SARA/AAVSO.
Son, Mex.

1521. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2015-03-10 13:02:04 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1521

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /nlk editada m5.8.png
Uploaded by : drsaguirre <drsaguirre@...>
Description : Sudden Ionosphere Disturbance (SID) for solar eruption , M5.8, (Rayos X) .
2015 03 09 UT

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/Super_SID/files/nlk%20editada%20m5.8.png

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

drsaguirre <drsaguirre@...>

1522. Help with a new setup

Yahoo group: Super_SID
Date: 2015-03-11 23:46:59 UTC
From: jackarthur144@...
Topic: 1522 Message: 1522
Attachments: 1 described; binary payloads are missing from this source WARC

SuperSidSetup Problem

Being new to SuperSID I need some help, as I am out of ideas. .The current_buffers.csv is all zeros. A little information: I am using Windows 7 RRO on a desktop with an Intel quad processer and 8 GB of RAM. I have built the “standard” 44” loop antenna, as per the manual and all continuity checks OK. I am using the SARA supplied RG 58..I have built-in 9600kHz sound, but also intalled the SARA supplied Sound Blaster card and tried that as well. I have exhausted all the obvious (to me) troubleshooting stuff. Configuring the sound recording all possible ways – enabling, disenabling – setting defaults, making sure to set them to 96 kHz, etc.I think the SuperSID config file is OK. The main plot has values for the 6 stations that are not zero. ANY suggestions?
I do have a unused laptop which also has 96 kHz sound, but no line-in, only a microphone and earphone jacks, any chance that would work? Given it’ll need to stay plugged in and some additional cooling …
Jack
jack144@gmail.com

.

1523. SID 2015-03-12

Yahoo group: Super_SID
Date: 2015-03-12 19:54:25 UTC
From: Graham
Topic: 1523 Message: 1523

I have been a member of this group for a short while and have not yet posted anything. The topic of SID's is interesting and spend some time casually monitoring several VLF signals and studying the results. My interests lay in radio propagation in general as I am also involved in numerous amateur radio activities.

I am using a USB sound device to sample the VLF spectrum from approximately 11 to 40 kHz, actually, since I sample at 96kHz I can see signals up a bit less than 48kHz but my display is not wide enough to display that much.

I use Spectrum lab to display the spectrum to make periodic measurements of several VLF transmitters, HWU, NPM, NAA, NLK, and NML. I may expand this list as it is easy just add additional tasks for Spectrum lab to perform but as is I cover about half of the globe from France to Hawaii.

Saving screen grabs is only half of the process. I log signal strength level for all the above noted transmitters and then plot the last day and half or so. I also collect the XRAY data direct from NOAA and plot on the same plots as the signal strength plots.

This is different from what I see that others have done. My plots are not always as nice but they service my needs.

The last event on 2014-03-12 was quite interesting. I am located a bit more than 300 nautical miles from the NAA transmitter. The effects of flares on this signal depending on their location of impact can vary quite substantially. Sometimes I will see a dramatic increase in signal strength, sometimes a near loss, sometimes both.

I put my grabs on dropbox and are updated every 5 minutes and can be found here:

https://www.dropbox.com/sh/ahvgr4sekcgg99s/AACd6pWv1hMNk6xvLGxGydKpa#/

My plots of the recorded signal level against XRAY data can be found here:

https://www.dropbox.com/sh/kilefa17883zgoj/AADb1lhjsNAKuJduCIiMbx8Ya#/

Archived grabs from the events of 2015-03-11 and 12 can be found here:

https://www.dropbox.com/sh/28n0fio3cqlpmot/AADIn0TX7H991d237MalsjrBa?dl=0

The event of 2015-03-12 was particularly interesting with respect to NAA. You can see on the signal level plot the sudden short lived decrease in signal strength and then a sudden short lived increase and then decrease before returning to more normal levels. Also of note if you follow along on the screen grabs, you will note the decreases and

increases; at 14:24 you will notice the selective fading where the lower frequency of the MSK signal fades nearly completely away whereas the higher frequency does not fade to as low a level.

https://www.dropbox.com/sh/28n0fio3cqlpmot/AADB9kKcDpY4_juMmK80ijm-a/2014-03-12?dl=0#/

The data I put on dropbox is there for anyone to use as they see fit, please make use of it you can.

cheers, Graham VE3GTC near Ottawa Canada 45.2N 75.2W

1524. Re: [Super_SID] Help with a new setup [1 Attachment]

Yahoo group: Super_SID
Date: 2015-03-14 00:45:57 UTC
From: WILLIAM & MELINDA LORD
Topic: 1522 Message: 1524

Hi Jack,
Have you looked at any of the files for a whole 24 hours of recording?
Do you have the software installed on the computer? It will run from then CD but can not save the data to the CD.
Is your computer set to automatically do updates and reboot your computer?

The software will run on old Windows 95 so you have more than enough computer. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "jackarthur144@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Wednesday, March 11, 2015 7:46 PM
Subject: [Super_SID] Help with a new setup [1 Attachment]

[Attachment(s) from jackarthur144@... [Super_SID] included below] SuperSidSetup Problem
Being new to SuperSID I need some help, as I am out of ideas..The current_buffers.csv is all zeros. A little information: I am using Windows7 RRO on a desktop with an Intel quad processer and 8 GB of RAM. I have builtthe “standard” 44” loop antenna, as per the manual and all continuity checks OK.I am using the SARA supplied RG 58..I have built-in 9600kHz sound, but also intalledthe SARA supplied Sound Blaster card and tried that as well. I have exhaustedall the obvious (to me) troubleshooting stuff. Configuring the sound recordingall possible ways – enabling, disenabling – setting defaults, making sure toset them to 96 kHz, etc.I think the SuperSID config file is OK. The main plothas values for the 6 stations that are not zero. ANY suggestions?I do have a unused laptop which also has 96 kHz sound, butno line-in, only a microphone and earphone jacks, any chance that would work? Givenit’ll need to stay plugged in and some additional cooling …Jack jack144@...
.

1525. Re: [Super_SID] Help with a new setup

Yahoo group: Super_SID
Date: 2015-03-14 03:02:41 UTC
From: Jack Gross
Topic: 1522 Message: 1525

Thanks for the reply. SuperSID is one problem with whichI have had no success … So, to respond to your questions.

> On Mar 13, 2015, at 8:45 PM, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
>
> Hi Jack,
>
> Have you looked at any of the files for a whole 24 hours of recording?
Yes, I have looked at them. There are all the 5-second entries, but no data
>
> Do you have the software installed on the computer? It will run from then CD but can not save the data to the CD.
Yes. I found that it will run from the CD, but get the error when looking at the data
>
> Is your computer set to automatically do updates and reboot your computer?
Yes, but I hav to do a manual reboot if it shuts down. I don't think that is a problem as I have been right with it for … hours!
>
> The software will run on old Windows 95 so you have more than enough computer.
Yup, but here's a new wrinkle - I hauled out an old computer (well, not that old) running Windows 7, with only a few programs on it (Yup, spent half a day with all the darn updates) Again, I followed the directions, set the sound system to 96000, did the config file, followed all the directions. … but this one can't find MSVCP71.dll … Which is clearly in the program file. I even deleted and recopied it. I even had a buddy come over who ran SuperSid. All he could do was scratch his head. I'm thinking maybe I should give up.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> From: "jackarthur144@... [Super_SID]" <Super_SID@yahoogroups.com>
> To: Super_SID@yahoogroups.com
> Sent: Wednesday, March 11, 2015 7:46 PM
> Subject: [Super_SID] Help with a new setup [1 Attachment]
>
>
> [Attachment(s) <https://us-mg6.mail.yahoo.com/neo/launch?.rand=070usetgbqk8g#TopText> from jackarthur144@... [Super_SID] included below]
> SuperSidSetup Problem
>

> Being new to SuperSID I need some help, as I am out of ideas. .The current_buffers.csv is all zeros. A little information: I am using Windows 7 RRO on a desktop with an Intel quad processer and 8 GB of RAM. I have built the “standard” 44” loop antenna, as per the manual and all continuity checks OK. I am using the SARA supplied RG 58..I have built-in 9600kHz sound, but also intalled the SARA supplied Sound Blaster card and tried that as well. I have exhausted all the obvious (to me) troubleshooting stuff. Configuring the sound recording all possible ways – enabling, disenabling – setting defaults, making sure to set them to 96 kHz, etc.I think the SuperSID config file is OK. The main plot has values for the 6 stations that are not zero. ANY suggestions?
> I do have a unused laptop which also has 96 kHz sound, but no line-in, only a microphone and earphone jacks, any chance that would work? Given it’ll need to stay plugged in and some additional cooling …
> Jack
> jack144@...
>
> .
>
>
>
>
>

1526. Antenna design question

Yahoo group: Super_SID
Date: 2015-03-19 13:49:15 UTC
From: sylv4700@...
Topic: 1526 Message: 1526

Hi,

My name is Richard and I'm new to this forum. I've taken an interest in solar flare monitoring and I'm looking to purchase a SuperSID pre-amp in the near future. In the meantime I have a question about antenna design. Is the 400 feet of wire the main design requirement and the shape of the antenna can vary? In other words, can the frame be 32"x92" with 400' of wire wrapped around its perimeter? I'm looking to fit the antenna within a storage space on our second floor and a 32x92 design would mount nicely to the wall studs away from any wall outlets. Since the house was wired for an outside TV antenna that is no longer in use I would have access to a coax cabling system that would make a connection to the preamp and computer simple. Also, does the antenna need to be perpendicular to the floor? If not another option would be to mount it on the roof rafters that are at a 45 degree angle to the floor. Any advice would be appreciated.

Richard

1527. Re: [Super_SID] Antenna design question

Yahoo group: Super_SID
Date: 2015-03-20 01:00:27 UTC
From: WILLIAM & MELINDA LORD
Topic: 1526 Message: 1527

Yes, your antenna can be oblong, round or square. Perpendicular works best.

Using the coax you have is fine. Just try to use as short a length as possible.

Sent from Yahoo Mail on Android

From:"sylv4700@yahoo.com [Super_SID]" <Super_SID@yahoogroups.com>
Date:Thu, Mar 19, 2015 at 9:32 AM
Subject:[Super_SID] Antenna design question

Hi,

My name is Richard and I'm new to this forum. I've taken an interest in solar flare monitoring and I'm looking to purchase a SuperSID pre-amp in the near future. In the meantime I have a question about antenna design. Is the 400 feet of wire the main design requirement and the shape of the antenna can vary? In other words, can the frame be 32"x92" with 400' of wire wrapped around its perimeter? I'm looking to fit the antenna within a storage space on our second floor and a 32x92 design would mount nicely to the wall studs away from any wall outlets. Since the house was wired for an outside TV antenna that is no longer in use I would have access to a coax cabling system that would make a connection to the preamp and computer simple. Also, does the antenna need to be perpendicular to the floor? If not another option would be to mount it on the roof rafters that are at a 45 degree angle to the floor. Any advice would be appreciated.

Richard

1528. Re: [Super_SID] Help with a new setup

Yahoo group: Super_SID
Date: 2015-03-20 01:52:35 UTC
From: Jack Gross
Topic: 1522 Message: 1528
Attachments: 1 described; binary payloads are missing from this source WARC

Dear William and/or Melinda,

I imagine that you guys are at the conference and very busy, so please take your time and read this after you get back and things slow down a bit, if that is even possible. As an aside, if you - by chance - get to Green Bank this summer I hope to meet you. (I certainly owe you guys a beverage or two of your choice) I go to StarQuest every year, and this year I also plan to attend the SARA meeting. (I can't wait to spend my nights at the famous 5-star Boyer Motel again this year.)

OK, I said that I would wait till I could send a full day of data, but I lied. I am sending this with no data. Explanation? I can't. I have had some on and off problems with my computer (which, incidentally may been the cause of the noise problem) and it finally died. Not the usual, death by power supply failure, but a dreaded mother board failure!

So, now I am up and running Windows 8.1 with a new All-In-One Toshiba. And with, I hasten to add, a 96000 Hz sound setting. The loop antenna is now situated outside about 20 feet from anything.* However* … you may recall that I installed the program on another older model computer running Windows 7 and SuperSid would not run - and provided me with an error message complaining that MSVCP71.dll was missing … although it was clearly in the program file. The same problem has now come up with the new computer. (the Whole SuperSID program is in a file on the C: drive).

You did provide me with a suggestion:
*"The MSVCP71.dll file- this link tells you where to put it on your computer. http://www.dll-error-fixes.com/guide-repair-msvcp71dll-error/ <http://www.dll-error-fixes.com/guide-repair-msvcp71dll-error/> " *which I did try, but the commend prompt language was a problem[?]. Can you tell me which file I could just paste it into? BTW, I did not have this issue with my, now defunct, other computer. I feel that the gremlins are doing a number on me with what appears to be a pretty straightforward project. The log follows:

Traceback (most recent call last):

* File "supersid.py", line 14, in <module>*

* File "matplotlib\backends\backend_wxagg.pyc", line 19, in <module>*

* File "wx__init__.pyc", line 45, in <module>*

* File "wx_core.pyc", line 4, in <module>*

* File "wx_core_.pyc", line 12, in <module>*

* File "wx_core_.pyc", line 10, in __load*

ImportError: DLL load failed: The specified module could not be found.

Have a great time at the meeting.

Jack
--
Jack Gross
jack144@...

1529. Re: [Super_SID] Help with a new setup

Yahoo group: Super_SID
Date: 2015-03-20 17:39:18 UTC
From: Jack Gross
Topic: 1522 Message: 1529
Attachments: 1 described; binary payloads are missing from this source WARC

OK guys I did all this stuff – results: step 1 See attachment below.

Step 2, no problems with files

Now I am stuck, although I did learn a little about cmd commands (my god it's DOS all over again!)

1. Follow the steps below, if you need to register the msvcp71.dll file:

1. Open the Command Prompt window and navigate to the directory where you have copied the file, by using the *cd* command.

2. Type "*Regsvr32 msvcp71.dll*" command and press Enter.

3. Finally, close the Command Prompt window.

1. *Run System File Checker command to ensure Windows own files are undamaged.*

You can run this command on a Windows XP and Windows Vista computer to detect and repair problems with Windows protected files.

To execute this command, go to the *Start *menu, select *Run* and type *sfc/scannow* and click *Enter*.

On Thu, Mar 19, 2015 at 6:52 PM, Jack Gross <jack144@...> wrote:

> Dear William and/or Melinda,
>
> I imagine that you guys are at the conference and very busy, so please
> take your time and read this after you get back and things slow down a bit,
> if that is even possible. As an aside, if you - by chance - get to Green
> Bank this summer I hope to meet you. (I certainly owe you guys a beverage
> or two of your choice) I go to StarQuest every year, and this year I also
> plan to attend the SARA meeting. (I can't wait to spend my nights at the
> famous 5-star Boyer Motel again this year.)
>
> OK, I said that I would wait till I could send a full day of data, but
> I lied. I am sending this with no data. Explanation? I can't. I have had
> some on and off problems with my computer (which, incidentally may been the
> cause of the noise problem) and it finally died. Not the usual, death by
> power supply failure, but a dreaded mother board failure!
>
> So, now I am up and running Windows 8.1 with a new All-In-One Toshiba.
> And with, I hasten to add, a 96000 Hz sound setting. The loop antenna is
> now situated outside about 20 feet from anything.* However* … you may
> recall that I installed the program on another older model computer running

> Windows 7 and SuperSid would not run - and provided me with an error
> message complaining that MSVCP71.dll was missing … although it was clearly
> in the program file. The same problem has now come up with the new
> computer. (the Whole SuperSID program is in a file on the C: drive).
>
> You did provide me with a suggestion:
> *"The MSVCP71.dll file- this link tells you where to put it on your
> computer. http://www.dll-error-fixes.com/guide-repair-msvcp71dll-error/
> <http://www.dll-error-fixes.com/guide-repair-msvcp71dll-error/> " *which
> I did try, but the commend prompt language was a problem[?]. Can you tell
> me which file I could just paste it into? BTW, I did not have this issue
> with my, now defunct, other computer. I feel that the gremlins are doing a
> number on me with what appears to be a pretty straightforward project. The
> log follows:
>
> *Traceback (most recent call last):*
>
> * File "supersid.py", line 14, in <module>*
>
> * File "matplotlib\backends\backend_wxagg.pyc", line 19, in <module>*
>
> * File "wx__init__.pyc", line 45, in <module>*
>
> * File "wx_core.pyc", line 4, in <module>*
>
> * File "wx_core_.pyc", line 12, in <module>*
>
> * File "wx_core_.pyc", line 10, in __load*
>
> *ImportError: DLL load failed: The specified module could not be found.*
>
> Have a great time at the meeting.
>
> Jack
> --
> Jack Gross
> jack144@...
>

--
Jack Gross
jack144@...

1530. Re: [Super_SID] Help with a new setup

Yahoo group: Super_SID
Date: 2015-03-20 17:40:23 UTC
From: Jack Gross
Topic: 1522 Message: 1530
Attachments: 1 described; binary payloads are missing from this source WARC

OOPS ...

On Fri, Mar 20, 2015 at 10:39 AM, Jack Gross <jack144@...> wrote:

> OK guys I did all this stuff – results: step 1 See attachment below.
>
> Step 2, no problems with files
>
> Now I am stuck, although I did learn a little about cmd commands (my god
> it’s DOS all over again!)
>
> 1. Follow the steps below, if you need to register the msvcp71.dll
> file:
>
> 1. Open the Command Prompt window and navigate to the directory
> where you have copied the file, by using the *cd* command.
>
> 2. Type “*Regsvr32 msvcp71.dll*” command and press Enter.
>
> 3. Finally, close the Command Prompt window.
>
> 1. *Run System File Checker command to ensure Windows own files are
> undamaged.*
>
> You can run this command on a Windows XP and Windows Vista computer to
> detect and repair problems with Windows protected files.
>
> To execute this command, go to the *Start *menu, select *Run* and type
> *sfc/scannow* and click *Enter*.
>
> On Thu, Mar 19, 2015 at 6:52 PM, Jack Gross <jack144@...> wrote:
>
>> Dear William and/or Melinda,
>>
>> I imagine that you guys are at the conference and very busy, so please
>> take your time and read this after you get back and things slow down a bit,
>> if that is even possible. As an aside, if you - by chance - get to Green
>> Bank this summer I hope to meet you. (I certainly owe you guys a beverage
>> or two of your choice) I go to StarQuest every year, and this year I also
>> plan to attend the SARA meeting. (I can’t wait to spend my nights at the
>> famous 5-star Boyer Motel again this year.)
>>
>> OK, I said that I would wait till I could send a full day of data, but
>> I lied. I am sending this with no data. Explanation? I can’t. I have had

>> some on and off problems with my computer (which, incidentally may been the
>> cause of the noise problem) and it finally died. Not the usual, death by
>> power supply failure, but a dreaded mother board failure!
>>
>> So, now I am up and running Windows 8.1 with a new All-In-One Toshiba.
>> And with, I hasten to add, a 96000 Hz sound setting. The loop antenna is
>> now situated outside about 20 feet from anything.* However* … you may
>> recall that I installed the program on another older model computer running
>> Windows 7 and SuperSid would not run - and provided me with an error
>> message complaining that MSVCP71.dll was missing … although it was clearly
>> in the program file. The same problem has now come up with the new
>> computer. (the Whole SuperSID program is in a file on the C: drive).
>>
>> You did provide me with a suggestion:
>> *"The MSVCP71.dll file- this link tells you where to put it on your
>> computer. http://www.dll-error-fixes.com/guide-repair-msvcp71dll-error/
>> <http://www.dll-error-fixes.com/guide-repair-msvcp71dll-error/> " *which
>> I did try, but the commend prompt language was a problem[?]. Can you tell
>> me which file I could just paste it into? BTW, I did not have this issue
>> with my, now defunct, other computer. I feel that the gremlins are doing a
>> number on me with what appears to be a pretty straightforward project. The
>> log follows:
>>
>> *Traceback (most recent call last):*
>>
>> * File "supersid.py", line 14, in <module>*
>>
>> * File "matplotlib\backends\backend_wxagg.pyc", line 19, in <module>*
>>
>> * File "wx__init__.pyc", line 45, in <module>*
>>
>> * File "wx_core.pyc", line 4, in <module>*
>>
>> * File "wx_core_.pyc", line 12, in <module>*
>>
>> * File "wx_core_.pyc", line 10, in __load*
>>
>> *ImportError: DLL load failed: The specified module could not be found.*
>>
>> Have a great time at the meeting.
>>
>> Jack
>> --
>> Jack Gross
>> jack144@...
>>
>
>
>
> --

> Jack Gross
> jack144@gmail.com
>

--
Jack Gross
jack144@...

1531. Re: [Super_SID] Help with a new setup

Yahoo group: Super_SID
Date: 2015-03-20 19:51:03 UTC
From: sylv4700@...
Topic: 1522 Message: 1531

Hi Jack,

I'm new here though I thought I'd try to help. Have you tried the beta version of SuperSID found here:

https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1483
https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1483

I've installed it on a WinXP machine and it runs fine. Curious thing though, I don't have the msvcp71.dll module in my Program directory.

1532. Re: [Super_SID] Help with a new setup

Yahoo group: Super_SID
Date: 2015-03-20 22:13:26 UTC
From: sylv4700@...
Topic: 1522 Message: 1532

I've also installed the beta version on a Win7 machine and it works fine.

Upon further investigation I discovered I have multiple copies of the msvcp71.dll module on the winXP machine in other program directories, most being Adobe programs.

1533. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2015-03-21 01:52:11 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1533

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /adc3_3.zip
Uploaded by : sylv4700 <sylv4700@...>
Description : Astronomer's Digital Clock - A freeware program that will provide your local Universal Time.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/Super_SID/files/adc3_3.zip

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

sylv4700 <sylv4700@...>

1534. Super SID data noise

Yahoo group: Super_SID
Date: 2015-03-22 00:49:53 UTC
From: islam_hawash2205@...
Topic: 1534 Message: 1534
Attachments: 3 described; binary payloads are missing from this source WARC

Hi every one
this data of Super SID in Helwan , egypt , Are this data is ok or what?
if it not ok what should i do ??

1535. Super SID

Yahoo group: Super_SID
Date: 2015-03-22 00:38:57 UTC
From: islam_hawash2205@...
Topic: 1535 Message: 1535
Attachments: 4 described; binary payloads are missing from this source WARC

Hi every one.
i am Islam from Helwan , Egypt.
i study in Space Weather department , faculty of Science at Helwan Univ. in 4th year.
my graduation project is adjust Super SID antenna and receive it's data then use this data to make a new experiments to my Faculty as a laboratory like calculate speed of solar wind .e.t.
but i have one problem , it is that my received data contain a large errors and noise ... it might because of the nearby Metro or it's orientation or any other things ,i couldn't have the reason for this
and i don't know What should i do ? , and are this data Ok or not ?

please help me
thanks
attachments :

Super SID antenna position , and Sample of my received data.

1536. Re: [Super_SID] Digest Number 571[7 Attachments]

Yahoo group: Super_SID
Date: 2015-03-22 15:14:38 UTC
From: Wayne Westlake
Topic: 1536 Message: 1536

Greetings Islam and welcome to the group!

Maybe one of our more experienced members can comment on your graphs, but from the pictures you posted my immediate concern is the placement of your antenna.

It looks like it's right next to an air conditioning unit. I can imagine that might generate a LOT of interference.

Also, it looks like your antenna is on the roof, so the next concern is how long is the coaxial cable that goes from the antenna to your SuperSid receiver? You want that wire to be as short as possible or it will also act as an antenna and pick up other interfering signals.

The antenna doesn't need to be on the roof. The low frequency signals it's designed to receive can easily travel through walls, ceilings and floors. A better location for your antenna would be inside, not far from your SuperSid receiver. That would help shorten the length of coaxial cable needed and also extend the life of your antenna keeping it out of the sun and elements. You do still want to keep the antenna away from electrical equipment as much as possible and you might need to try different locations and turning it in a different direction to get the best signals.

Let us know if relocating the antenna helps.

Best regards,

Wayne
Phoenix, AZ

On Sun, Mar 22, 2015 at 2:05 AM, <Super_SID@yahoogroups.com> wrote:

> [image: Yahoo! Groups]
> <https://groups.yahoo.com/neo;_ylc=X3oDMTJlYzNqMHY1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQyNzAxNTEyNg-->
> Stanford & SARA SuperSID Group
> <https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJlZTR2cDQxBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDaGRyBHNsawNocGgEc3RpbWUDMTQyNzAxNTEyNg-->
> 2 Messages
> Digest #571
> 1
> Super SID data noise <#14c40badd3f86453_1> by islam_hawash2205
> 2
> Super SID <#14c40badd3f86453_2> by islam_hawash2205
>
> Messages

> 1 Super SID data noise
> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1534;_ylc=X3oDMTJydX
FtcDU3BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM0BHNlYwNk
bXNnBHNsawN2bXNnBHN0aW1lAzE0MjcwMTUxMjY->
> Sat Mar 21, 2015 6:46 pm (PDT) . Posted by: islam_hawash2205
> <islam_hawash2205@...?subject=Re%3A%20Super%20SID%20data%20noise>
> Hi every one
> this data of Super SID in Helwan , egypt , Are this data is ok or what?
> if it not ok what should i do ??
> Attachment(s) from
> 3 of 3 Photo(s)
> [image: Image]
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1320942991>
> 2015-02-28.png
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1320942991>
> [image: Image]
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1437775682>
> 2015-02-26.png
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1437775682>
> [image: Image]
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1826799230>
> 2015-02-27.png
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1826799230>
> Reply to sender
> <islam_hawash2205@...?subject=Re%3A%20Super%20SID%20data%20noise>
> . Reply to group
> <Super_SID@yahoogroups.com?subject=Re%3A%20Super%20SID%20data%20noise> .
> Reply via Web Post
> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1534;_ylc=X3oDMTJy
MWU1bmNnBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM0BHNlYw
NkbXNnBHNsawNycGx5BHN0aW1lAzE0MjcwMTUxMjY-?act=reply&messageNum=1534>
> . All Messages (1)
> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1534;_ylc=X3oDMTM2aG
ZrMXBlBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM0BHNlYwNk
bXNnBHNsawN2dHBjBHN0aW1lAzE0MjcwMTUxMjYEdHBjSWQDMTUzNA-->
> . Top ^ <#14c40badd3f86453_toc>
> 2 Super SID
> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1535;_ylc=X3oDMTJyYX
JhdDNzBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM1BHNlYwNk
bXNnBHNsawN2bXNnBHN0aW1lAzE0MjcwMTUxMjY->
> Sat Mar 21, 2015 6:49 pm (PDT) . Posted by: islam_hawash2205
> <islam_hawash2205@yahoo.com?subject=Re%3A%20Super%20SID>
> Hi every one.
> i am Islam from Helwan , Egypt.
> i study in Space Weather department , faculty of Science at Helwan Univ.
> in 4th year.
> my graduation project is adjust Super SID antenna and receive it's data
> then use this data to make a new experiments to my Faculty as a laboratory
> like calculate speed of solar wind .e.t.
> but i have one problem , it is that my received data contain a large

> errors and noise ...
> it might because of the nearby Metro or it's orientation or any other
> things ,i couldn't have the reason for this
> and i don't know What should i do ? , and are this data Ok or not ?
>
> please help me
> thanks
> attachments :
>
> Super SID antenna position , and Sample of my received data.
>
>
> Attachment(s) from
> 4 of 4 Photo(s)
> [image: Image]
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=770778210>
> Screenshot (19).png
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=770778210>
> [image: Image]
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=1288085903>
> Screenshot (21).png
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=1288085903>
> [image: Image]
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=1353103996>
> Screenshot (17).png
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=1353103996>
> [image: Image]
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=2010201332>
> Screenshot (20).png
> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=2010201332>
> Reply to sender
> <islam_hawash2205@...?subject=Re%3A%20Super%20SID> . Reply to
> group <Super_SID@yahoogroups.com?subject=Re%3A%20Super%20SID> . Reply
> via Web Post
> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1535;_ylc=X3oDMTJy
c2k5dmV1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM1BHNlYw
NkbXNnBHNsawNycGx5BHN0aW1lAzE0MjcwMTUxMjY-?act=reply&messageNum=1535>
> . All Messages (1)
> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1535;_ylc=X3oDMTM2ZD
ZkdGVjBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM1BHNlYwNk
bXNnBHNsawN2dHBjBHN0aW1lAzE0MjcwMTUxMjYEdHBjSWQDMTUzNQ-->
> . Top ^ <#14c40badd3f86453_toc>
> Visit Your Group
> <https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmNmxuMGs3BF9TAzk3MzU5NzE
1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzE0MjcwMTUxM
jY->
>
> - New Members
> <https://groups.yahoo.com/neo/groups/Super_SID/members/all;_ylc=X3oDMTJnNTdwbmplBF9TAzk3
MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxND

I3MDE1MTI2>
> 4
>
> [image: Yahoo! Groups]
> <https://groups.yahoo.com/neo;_ylc=X3oDMTJlYzNqMHY1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQyNzAxNTEyNg-->
> • Privacy <https://info.yahoo.com/privacy/us/yahoo/groups/details.html> •
> Unsubscribe <Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe> • Terms
> of Use <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
>

1537. Re: [Super_SID] Antenna design question

Yahoo group: Super_SID
Date: 2015-03-22 20:09:50 UTC
From: sylv4700@...
Topic: 1526 Message: 1537

Thanks for the reply. My first attempt based on your input, will be the oblong wall mount. Now the hunt for wire begins. :) The coax cable length would be short as the computer is on the opposite side of the storage wall.

I downloaded your beta release of SuperSID, version 1.2.2, to experiment with on my dual boot, WinXP/Linux machine. I have a Delta 1010LT sound card on that computer that I use in an audio recording environment under the Linux system. In WinXP, I set up the soundcard to record at 96KHz, installed SuperSID, and sent a 40KHz tone from a signal generator into one of the line inputs. The 40KHz tone showed up as a nice 20db peak on the SuperSID graph so it looks as though my initial setup is a success. :)

Was there ever a GUI of SuperSID ported to Linux? I noticed VLF-tools in the "FIles" section though it appears to be command line driven and I'm not sure it has the ability to upload to the Stanford server.

Richard

1538. Software for running SuperSID 24/7

Yahoo group: Super_SID
Date: 2015-03-22 20:20:35 UTC
From: sylv4700@...
Topic: 1538 Message: 1538

The freely available software found here:

http://www.softwx.com/windows/startwatch.html
http://www.softwx.com/windows/startwatch.html

might be of value to those running SuperSID 24/7. I use Starwatch when running weather software for a personal weather station that uploads data every 10 minutes, 24/7. Startwatch monitors your 24/7 software to make sure it has not hung nor froze. If so, it restarts the program automatically so there is no interruption, or little interruption, in data collection. I'm new here so I'm not aware of long term stability of SuperSID, but if it is prone to crash every once in a while, Startwatch would be a valuable tool to have.

Once on the main page, navigate to downloads and there you will find the program, help docs and free registration file.

Richard

1539. Re: [Super_SID] Software for running SuperSID 24/7

Yahoo group: Super_SID
Date: 2015-03-23 03:25:12 UTC
From: Steve Berl
Topic: 1538 Message: 1539

My SuperSID machine is about as reliable as the AC power line. It regularly runs for months at a time with no attention. This is on a dedicated windows XP machine. Nothing else going on.

-steve

On Sun, Mar 22, 2015 at 1:20 PM, sylv4700@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> The freely available software found here:
>
> http://www.softwx.com/windows/startwatch.html
>
> might be of value to those running SuperSID 24/7. I use Starwatch when
> running weather software for a personal weather station that uploads data
> every 10 minutes, 24/7. Startwatch monitors your 24/7 software to make sure
> it has not hung nor froze. If so, it restarts the program automatically so
> there is no interruption, or little interruption, in data collection. I'm
> new here so I'm not aware of long term stability of SuperSID, but if it is
> prone to crash every once in a while, Startwatch would be a valuable tool
> to have.
>
> Once on the main page, navigate to downloads and there you will find the
> program, help docs and free registration file.
>
> Richard
>
>
>
>
>
>

--
-steve

1540. Re: [Super_SID] Antenna design question

Yahoo group: Super_SID
Date: 2015-03-23 03:30:21 UTC
From: Steve Berl
Topic: 1526 Message: 1540

If you unpack the .exe on your windows machine, you should find one of the directories contains the python source. I've copied this over to Linux and it worked fine once all the required packages are installed.

Eric Gilbert also has a version at https://github.com/ericgibert/supersid that can be configure to use the ALSA sound APIs on linux also.

Have fun

-steve

On Sun, Mar 22, 2015 at 1:09 PM, sylv4700@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Thanks for the reply. My first attempt based on your input, will be the
> oblong wall mount. Now the hunt for wire begins. :) The coax cable length
> would be short as the computer is on the opposite side of the storage wall.
>
> I downloaded your beta release of SuperSID, version 1.2.2, to experiment
> with on my dual boot, WinXP/Linux machine. I have a Delta 1010LT sound card
> on that computer that I use in an audio recording environment under the
> Linux system. In WinXP, I set up the soundcard to record at 96KHz,
> installed SuperSID, and sent a 40KHz tone from a signal generator into one
> of the line inputs. The 40KHz tone showed up as a nice 20db peak on the
> SuperSID graph so it looks as though my initial setup is a success. :)
>
> Was there ever a GUI of SuperSID ported to Linux? I noticed VLF-tools in
> the "FIles" section though it appears to be command line driven and I'm not
> sure it has the ability to upload to the Stanford server.
>
> Richard
>
>

--
-steve

1541. Re: [Super_SID] Antenna design question

Yahoo group: Super_SID
Date: 2015-03-23 12:45:52 UTC
From: sylv4700@...
Topic: 1526 Message: 1541

Steve,

Thanks for taking the time to help out. I'll check out Eric's site.

Richard

1542. Re: [Super_SID] Software for running SuperSID 24/7

Yahoo group: Super_SID
Date: 2015-03-23 12:56:40 UTC
From: sylv4700@...
Topic: 1538 Message: 1542

Wow, I wish I could say the same for my weather software. WinXP is somewhat stable having a manual reboot once a month though my weather software crashes at an average of once a week.

Richard

1543. RE: [Super_SID] Software for running SuperSID 24/7

Yahoo group: Super_SID
Date: 2015-03-23 14:23:59 UTC
From: Ciprian Sufitchi
Topic: 1538 Message: 1543
Attachments: 2 described; binary payloads are missing from this source WARC

Hi all,

Here is a quick question. Does anyone know how does the ftp uploading process work with SuperSID on Windows? I want to push the daily files to my own ftp server so what I did I created an account, then replaced the settings in the config file. It works, I had yesterday csv files uploaded automatically, but I don’t know why the current values are not uploaded. On Stanford web site I see current values submitted by individual sites, so there should be the “today” file pushed with upload once every few minutes. I don’t see that happening with my installation.

Thanks,

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Monday, March 23, 2015 8:57 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Software for running SuperSID 24/7

Wow, I wish I could say the same for my weather software. WinXP is somewhat stable having a manual reboot once a month though my weather software crashes at an average of once a week.

Richard

1544. SuperSID Monitor Installed at CST, Bhutan!

Yahoo group: Super_SID
Date: 2015-03-23 09:25:27 UTC
From: Sonam Norbu
Topic: 1544 Message: 1544
Attachments: 3 described; binary payloads are missing from this source WARC

Sir/Madam, we the members of Ionospheric Monitoring Group at College of Science and Technology, Royal University of Bhutan have successfully installed the SuperSID monitor. We have started recording the signal from 20th March, 2015. We have designed our own in-house antenna for receiving the VLF signal, as of now we are able to receive it successfully. We are very much looking forward in future to carry out further research work and share with the SuperSID community.the details of the SuperSID Monitor are: site_name = CST_B, longitude = +89.38, latitude = 26.85.As of now we are able to receive, VLF signals from six stations. Thaking You AllSonam Norbu

Lecturer

Electrical Engineering Department

College of Science & Technology

Royal University of Bhutan

Email ID# sonamshakes10@hotmail.com or sonam_4y@...

Mobile No # +975-17980915

Fax No# +975-16478518

1545. Re: [Super_SID] Software for running SuperSID 24/7

Yahoo group: Super_SID
Date: 2015-03-23 14:46:28 UTC
From: Steve Berl
Topic: 1538 Message: 1545

I just looked at the v1.2.1 code and it appears that the files get written out once per day at 0000 UTC. Then the code goes out and finds all the files written in the past 24 hours, and uploads them to whatever FTP server is specified in the configuration.

It looks at the config for "automatic_upload", "ftp_server", and "ftp_directory".

You can see the code at https://github.com/sberl/supersid/blob/master/Code/supersid_upload.py

-steve

On Mon, Mar 23, 2015 at 7:23 AM, 'Ciprian Sufitchi' ciprian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Hi all,
>
>
>
> Here is a quick question. Does anyone know how does the ftp uploading process work with SuperSID on Windows? I want to push the daily files to my own ftp server so what I did I created an account, then replaced the settings in the config file. It works, I had yesterday csv files uploaded automatically, but I don’t know why the current values are not uploaded. On Stanford web site I see current values submitted by individual sites, so there should be the “today” file pushed with upload once every few minutes. I don’t see that happening with my installation.
>
>
>
> Thanks,
>
> Chip
>
>
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Monday, March 23, 2015 8:57 AM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Software for running SuperSID 24/7
>
>
>

>
>
> Wow, I wish I could say the same for my weather software. WinXP is
> somewhat stable having a manual reboot once a month though my weather
> software crashes at an average of once a week.
>
> Richard
>
>
>

--
-steve

1546. RE: [Super_SID] Software for running SuperSID 24/7

Yahoo group: Super_SID
Date: 2015-03-23 15:18:11 UTC
From: Ciprian Sufitchi
Topic: 1538 Message: 1546
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks Steve. It looks like I am using an older version. The About window shows v1.1 with copyright 2008 Stanford. Where can I get the latest and the greatest Windows code that still works on Windows XP?

For now I solved the problem by using a “cron” process Windows-style (Scheduled tasks). I periodically run a batch file to take current_buffers.csv and upload it on the ftp server.

Thanks,

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Monday, March 23, 2015 10:46 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Software for running SuperSID 24/7

I just looked at the v1.2.1 code and it appears that the files get written out once per day at 0000 UTC. Then the code goes out and finds all the files written in the past 24 hours, and uploads them to whatever FTP server is specified in the configuration.

It looks at the config for "automatic_upload", "ftp_server", and "ftp_directory".

You can see the code at
https://github.com/sberl/supersid/blob/master/Code/supersid_upload.py

-steve

On Mon, Mar 23, 2015 at 7:23 AM, 'Ciprian Sufitchi' ciprian@... <mailto:ciprian@...> [Super_SID] <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> > wrote:

Hi all,

Here is a quick question. Does anyone know how does the ftp uploading process work with SuperSID on Windows? I want to push the daily files to my own ftp server so what I did I created an account, then replaced the settings in the config file. It works, I had yesterday csv files uploaded automatically, but I don’t know why the current values are not uploaded. On Stanford web site I see current values submitted by individual sites, so there should be the “today” file pushed with upload once every few minutes. I don’t see that happening with my installation.

Thanks,

Chip

From: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> [mailto:Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>]
Sent: Monday, March 23, 2015 8:57 AM

To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Subject: Re: [Super_SID] Software for running SuperSID 24/7

Wow, I wish I could say the same for my weather software. WinXP is somewhat stable having a manual reboot once a month though my weather software crashes at an average of once a week.

Richard

--

-steve

1547. Re: [Super_SID] SuperSID Monitor Installed at CST, Bhutan!

Yahoo group: Super_SID
Date: 2015-03-23 15:02:41 UTC
From: Steve Berl
Topic: 1544 Message: 1547
Attachments: 3 described; binary payloads are missing from this source WARC

Congratulations! Looking forward to seeing your data uploaded to the
Stanford Solar Center servers.

And just as a check on the data, according to google maps, the latitude and
longitude you gave comes out to be just over the border in India.

https://www.google.com/maps/place/26%C2%B051'00.0%22N+89%C2%B022'48.0%22E/@26.8499995,89.38,15z/data=!3m1!4b1!4m2!3m1!1s0x0:0x0

I see Royal University of Bhutan in Thimpu. If you are actually in Thimphu,
then the location might be

https://www.google.com/maps/place/27%C2%B028'43.1%22N+89%C2%B038'08.3%22E/@27.4781971,89.6405082,15z/data=!4m2!3m1!1s0x0:0x0

If this is correct, please update your configuration file with the closer
latitude and longitude.

-steve

On Mon, Mar 23, 2015 at 2:25 AM, Sonam Norbu sonamshakes10@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Sir/Madam,
> we the members of Ionospheric Monitoring Group at
> College of Science and Technology, Royal University of Bhutan have
> successfully installed the SuperSID monitor. We have started recording the
> signal from 20th March, 2015. We have designed our own in-house antenna for
> receiving the VLF signal, as of now we are able to receive it successfully.
> We are very much looking forward in future to carry out further research
> work and share with the SuperSID community.
> the details of the SuperSID Monitor are: s*ite_name = CST_B, **longitude
> = +89.38, latitude = 26.85.*
> As of now we are able to receive, VLF signals from six stations.
> Thaking You All
>
> Sonam Norbu
>
>
> Lecturer
>
> Electrical Engineering Department
>
> College of Science & Technology

>
> Royal University of Bhutan
>
> Email ID# sonamshakes10@... or sonam_4y@...
>
> Mobile No # +975-17980915
> Fax No# +975-16478518
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-steve

1548. Re: [Super_SID] Antenna design question

Yahoo group: Super_SID
Date: 2015-03-23 15:44:52 UTC
From: sylv4700@...
Topic: 1526 Message: 1548
Attachments: 1 described; binary payloads are missing from this source WARC

Steve,

Went to Eric's site and downloaded his Linux installation. I had to install python-matplotlib, python-matplotlib-data and pyAlsaAudio. After installing those files, making modifications to the config file and creating the tmp/Data directory, I was able to get SuperSID running on an Ubuntu 12.04 system. :) The following had to be added to the config file to get my soundcard to work:

```
[Capture]
Audio=alsaaudio
#Card=External
Card=M1010LT
PeriodSize = 128
```

I sent a 29548Hz tone from a signal generator into one of the line inputs to produce the graph seen in the attachment. Moving forward. :)

Richard

1549. Re: [Super_SID] Antenna design question [1 Attachment]

Yahoo group: Super_SID
Date: 2015-03-23 16:06:19 UTC
From: Steve Berl
Topic: 1526 Message: 1549

Looks good

Steve

On Monday, March 23, 2015, sylv4700@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#14c474ee7387550c_TopText> from sylv4700@...
> <javascript:_e(%7B%7D,'cvml','sylv4700@...');> [Super_SID] included
> below]
>
> Steve,
>
> Went to Eric's site and downloaded his Linux installation. I had to
> install python-matplotlib, python-matplotlib-data and pyAlsaAudio. After
> installing those files, making modifications to the config file and
> creating the tmp/Data directory, I was able to get SuperSID running on an
> Ubuntu 12.04 system. :) The following had to be added to the config file to
> get my soundcard to work:
>
> [Capture]
> Audio=alsaaudio
> #Card=External
> Card=M1010LT
> PeriodSize = 128
>
> I sent a 29548Hz tone from a signal generator into one of the line inputs
> to produce the graph seen in the attachment. Moving forward. :)
>
> Richard
>
>

--
-steve

1550. RE: [Super_SID] Antenna design question

Yahoo group: Super_SID
Date: 2015-03-23 16:23:37 UTC
From: Ciprian Sufitchi
Topic: 1526 Message: 1550
Attachments: 3 described; binary payloads are missing from this source WARC

Has anyone tried the lasest version of Raspberry Pi board with SuperSID? Last thing I know after many attempts is that Eric’s version of SuperSID does not work on R-Pi with on-board audio and with no other external audio (tried Syba USB dongle and Wolfson card) for sampling rates above 48 kHz. Raspberry Pi should be the ideal hardware to run 24/7 SuperSID but unfortunately it’s unusable in US where useful signals are above 24 kHz.

Thanks,

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Monday, March 23, 2015 12:06 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Antenna design question

Looks good

Steve

On Monday, March 23, 2015, sylv4700@... <mailto:sylv4700@...> [Super_SID] <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> > wrote:

[Attachment(s) from sylv4700@... [Super_SID] included below]

Steve,

Went to Eric's site and downloaded his Linux installation. I had to install python-matplotlib, python-matplotlib-data and pyAlsaAudio. After installing those files, making modifications to the config file and creating the tmp/Data directory, I was able to get SuperSID running on an Ubuntu 12.04 system. :) The following had to be added to the config file to get my soundcard to work:

[Capture]
Audio=alsaaudio
#Card=External
Card=M1010LT
PeriodSize = 128

I sent a 29548Hz tone from a signal generator into one of the line inputs to produce the graph seen in the attachment. Moving forward. :)

Richard

--
-steve

1551. Re: [Super_SID] Software for running SuperSID 24/7

Yahoo group: Super_SID
Date: 2015-03-23 16:25:59 UTC
From: Steve Berl
Topic: 1538 Message: 1551

I'm not 100% sure this is the latest, windows installers, but it appears to
be more recent than the one you have.

http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe

Perhaps Jaap or someone else can confirm?

-steve

On Mon, Mar 23, 2015 at 8:18 AM, 'Ciprian Sufitchi' ciprian@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Thanks Steve. It looks like I am using an older version. The About window
> shows v1.1 with copyright 2008 Stanford. Where can I get the latest and the
> greatest Windows code that still works on Windows XP?
>
> For now I solved the problem by using a “cron” process Windows-style
> (Scheduled tasks). I periodically run a batch file to take
> current_buffers.csv and upload it on the ftp server.
>
>
>
> Thanks,
>
> Chip
>
>
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Monday, March 23, 2015 10:46 AM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Software for running SuperSID 24/7
>
>
>
>
>
>
> I just looked at the v1.2.1 code and it appears that the files get written
> out once per day at 0000 UTC. Then the code goes out and finds all the
> files written in the past 24 hours, and uploads them to whatever FTP server
> is specified in the configuration.
>
>
>

> It looks at the config for "automatic_upload", "ftp_server", and "
> ftp_directory".
>
>
>
> You can see the code at
> https://github.com/sberl/supersid/blob/master/Code/supersid_upload.py
>
>
>
> -steve
>
>
>
> On Mon, Mar 23, 2015 at 7:23 AM, 'Ciprian Sufitchi' ciprian@sufitchi.com
> [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
>
>
> Hi all,
>
>
>
> Here is a quick question. Does anyone know how does the ftp uploading
> process work with SuperSID on Windows? I want to push the daily files to my
> own ftp server so what I did I created an account, then replaced the
> settings in the config file. It works, I had yesterday csv files uploaded
> automatically, but I don’t know why the current values are not uploaded. On
> Stanford web site I see current values submitted by individual sites, so
> there should be the “today” file pushed with upload once every few minutes.
> I don’t see that happening with my installation.
>
>
>
> Thanks,
>
> Chip
>
>
>
> *From:* Super_SID@...m [mailto:Super_SID@yahoogroups.com]
> *Sent:* Monday, March 23, 2015 8:57 AM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Software for running SuperSID 24/7
>
>
>
>
>
>
> Wow, I wish I could say the same for my weather software. WinXP is

> somewhat stable having a manual reboot once a month though my weather
> software crashes at an average of once a week.
>
> Richard
>
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> --
>
> -steve
>
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>

--
-steve

1552. Re: [Super_SID] Antenna design question

Yahoo group: Super_SID
Date: 2015-03-23 16:42:52 UTC
From: Steve Berl
Topic: 1526 Message: 1552

There was a thread earlier this year about RaspPi and SuperSID.

https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1439

Not sure what the current status is.

-steve

On Mon, Mar 23, 2015 at 9:23 AM, 'Ciprian Sufitchi' ciprian@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Has anyone tried the lasest version of Raspberry Pi board with SuperSID?
> Last thing I know after many attempts is that Eric’s version of SuperSID
> does not work on R-Pi with on-board audio and with no other external audio
> (tried Syba USB dongle and Wolfson card) for sampling rates above 48 kHz.
> Raspberry Pi should be the ideal hardware to run 24/7 SuperSID but
> unfortunately it’s unusable in US where useful signals are above 24 kHz.
>
>
>
> Thanks,
>
> Chip
>
>
>
>
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Monday, March 23, 2015 12:06 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Antenna design question
>
>
>
>
>
>
> Looks good
>
>
>
> Steve
>
> On Monday, March 23, 2015, sylv4700@... [Super_SID] <

> Super_SID@yahoogroups.com> wrote:
>
>
>
> *[Attachment(s) <#14c4772631cecfd9_14c474ee7387550c_TopText> from
> sylv4700@... <sylv4700@...> [Super_SID] included below]*
>
> Steve,
>
> Went to Eric's site and downloaded his Linux installation. I had to
> install python-matplotlib, python-matplotlib-data and pyAlsaAudio. After
> installing those files, making modifications to the config file and
> creating the tmp/Data directory, I was able to get SuperSID running on an
> Ubuntu 12.04 system. :) The following had to be added to the config file to
> get my soundcard to work:
>
> [Capture]
> Audio=alsaaudio
> #Card=External
> Card=M1010LT
> PeriodSize = 128
>
> I sent a 29548Hz tone from a signal generator into one of the line inputs
> to produce the graph seen in the attachment. Moving forward. :)
>
> Richard
>
>
>
> --
> -steve
>
>
>

--
-steve

1553. Re: [Super_SID] Software for running SuperSID 24/7

Yahoo group: Super_SID
Date: 2015-03-23 17:21:27 UTC
From: John Purdy
Topic: 1538 Message: 1553

Steve

Wish I could say the same!! I have the latest version installed on two XP computers and they both crash every 1 to 2 weeks with runtime error mssages and or memory error msgs. About 50% of the time the operating system also freezes, and requires a re-boot. The only commonality is that they are both Dell computers.
John Purdy

1554. Re: [Super_SID] Software for running SuperSID 24/7

Yahoo group: Super_SID
Date: 2015-03-23 18:25:53 UTC
From: Steve Berl
Topic: 1538 Message: 1554

Can you send any details of the errors? Perhaps we can fix it.

Steve

On Monday, March 23, 2015, John Purdy jrpurdy@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> Steve
>
> Wish I could say the same!! I have the latest version installed on
> two XP computers and they both crash every 1 to 2 weeks with runtime
> error mssages and or memory error msgs. About 50% of the time the
> operating system also freezes, and requires a re-boot. The only
> commonality is that they are both Dell computers.
> John Purdy
>
>

--
-steve

1555. Re: [Super_SID] Antenna design question

Yahoo group: Super_SID
Date: 2015-03-23 19:20:30 UTC
From: Jaap Akkerhuis
Topic: 1526 Message: 1555

> On Mar 23, 2015, at 11:42, Steve Berl steveberl@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>
>
> There was a thread earlier this year about RaspPi and SuperSID.
>
> https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1439
>
> Not sure what the current status is.

I have a more or less working version on a Raspberry PI using (my)
distribution and running directly with Python using the source (and
the packages one has to install as well. I'll give the list).
(which anyone can find in the Code directory).The latest version
is 1.2.2rc3 but t are problems with the plot system. The good news
that these are fixed. I hope, soonto release 1.2.2.rc5 (rc4 was
made to help somone debugging his system). I hope get the thing
out ASAP, when I'm back from my trips.

In case one wonders, the windows version has been tested on Windows
8 & 8.1 in case one wonders. It also uses updated (more stable)
libraries for various stuff.

More soon,

jaap

1556. Upload size

Yahoo group: Super_SID
Date: 2015-03-23 20:13:13 UTC
From: sylv4700@...
Topic: 1556 Message: 1556

Approximately how large are the uploads to the Stanford server form SuperSID?

1557. Re: [Super_SID] Upload size

Yahoo group: Super_SID
Date: 2015-03-23 20:24:43 UTC
From: Steve Berl
Topic: 1556 Message: 1557

Mine are 606kB for each station

Steve

On Monday, March 23, 2015, sylv4700@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> Approximately how large are the uploads to the Stanford server form
> SuperSID?
>
>
>
>

--
-steve

1558. RE: [Super_SID] Antenna design question

Yahoo group: Super_SID
Date: 2015-03-23 20:40:30 UTC
From: Ciprian Sufitchi
Topic: 1526 Message: 1558
Attachments: 3 described; binary payloads are missing from this source WARC

I am interested in your distribution to have a R-Pi running SuperSID sampling at 96 kHz. What is the audio board that works for you?

I don't need any graphic support as I plan to run SuperSID from the console only.

Thanks,

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Monday, March 23, 2015 3:21 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Antenna design question

> On Mar 23, 2015, at 11:42, Steve Berl steveberl@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
>
> There was a thread earlier this year about RaspPi and SuperSID.
>
> https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1439
>
> Not sure what the current status is.

I have a more or less working version on a Raspberry PI using (my) distribution and running directly with Python using the source (and the packages one has to install as well. I'll give the list). (which anyone can find in the Code directory).The latest version is 1.2.2rc3 but t are problems with the plot system. The good news that these are fixed. I hope, soonto release 1.2.2.rc5 (rc4 was made to help somone debugging his system). I hope get the thing out ASAP, when I'm back from my trips.

In case one wonders, the windows version has been tested on Windows 8 & 8.1 in case one wonders. It also uses updated (more stable) libraries for various stuff.

More soon,

jaap

1559. RE: [Super_SID] Software for running SuperSID 24/7

Yahoo group: Super_SID
Date: 2015-03-23 20:44:20 UTC
From: Ciprian Sufitchi
Topic: 1538 Message: 1559
Attachments: 2 described; binary payloads are missing from this source WARC

I installed it and it is definitely a newer version than mine. However the ftp subsystem does not push the current files to the ftp server. I'll have to investigate.

Thanks,

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Monday, March 23, 2015 12:26 PM
To: Super_SID@yahoogroups.com; Jaap Akkerhuis
Subject: Re: [Super_SID] Software for running SuperSID 24/7

I'm not 100% sure this is the latest, windows installers, but it appears to be more recent than the one you have.

<http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe>
http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe

Perhaps Jaap or someone else can confirm?

-steve

On Mon, Mar 23, 2015 at 8:18 AM, 'Ciprian Sufitchi' ciprian@... <mailto:ciprian@...>
[Super_SID] <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> > wrote:

Thanks Steve. It looks like I am using an older version. The About window shows v1.1 with copyright 2008 Stanford. Where can I get the latest and the greatest Windows code that still works on Windows XP?

For now I solved the problem by using a "cron" process Windows-style (Scheduled tasks). I periodically run a batch file to take current_buffers.csv and upload it on the ftp server.

Thanks,

Chip

From: <mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com [mailto:
<mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com]
Sent: Monday, March 23, 2015 10:46 AM
To: <mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Software for running SuperSID 24/7

I just looked at the v1.2.1 code and it appears that the files get written out once per day at 0000 UTC. Then the code goes out and finds all the files written in the past 24 hours, and uploads them to whatever FTP server is specified in the configuration.

It looks at the config for "automatic_upload", "ftp_server", and "ftp_directory".

You can see the code at
<https://github.com/sberl/supersid/blob/master/Code/supersid_upload.py>
https://github.com/sberl/supersid/blob/master/Code/supersid_upload.py

-steve

On Mon, Mar 23, 2015 at 7:23 AM, 'Ciprian Sufitchi' ciprian@... <mailto:ciprian@...>
[Super_SID] <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> > wrote:

Hi all,

Here is a quick question. Does anyone know how does the ftp uploading process work with SuperSID on Windows? I want to push the daily files to my own ftp server so what I did I created an account, then replaced the settings in the config file. It works, I had yesterday csv files uploaded automatically, but I don’t know why the current values are not uploaded. On Stanford web site I see current values submitted by individual sites, so there should be the “today” file pushed with upload once every few minutes. I don’t see that happening with my installation.

Thanks,

Chip

From: <mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com [mailto:
<mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com]
Sent: Monday, March 23, 2015 8:57 AM
To: <mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Software for running SuperSID 24/7

Wow, I wish I could say the same for my weather software. WinXP is somewhat stable having a manual reboot once a month though my weather software crashes at an average of once a week.

Richard

--

-steve

--

-steve

1560. Re: [Super_SID] Upload size

Yahoo group: Super_SID
Date: 2015-03-23 20:47:46 UTC
From: sylv4700@...
Topic: 1556 Message: 1560

And is that a once a day upload? I'm curious as we live in a rural area with only a 4g MiFi unit providing internet service and of course our bandwidth is capped.

1561. Re: [Super_SID] Upload size

Yahoo group: Super_SID
Date: 2015-03-23 20:57:47 UTC
From: Steve Berl
Topic: 1556 Message: 1561

Yes. Once per day a moment after 0000 UTC time.
There is a separate file for each station you are monitoring. So for me
there are 5 files of 606kB uploaded each day.

Steve

On Monday, March 23, 2015, sylv4700@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> And is that a once a day upload? I'm curious as we live in a rural area
> with only a 4g MiFi unit providing internet service and of course our
> bandwidth is capped.
>
>

--
-steve

1562. RE: [Super_SID] SuperSID Monitor Installed at CST, Bhutan!

Yahoo group: Super_SID
Date: 2015-03-24 03:28:26 UTC
From: Sonam Norbu
Topic: 1544 Message: 1562
Attachments: 3 described; binary payloads are missing from this source WARC

Respected Steve, Royal University of Bhutan is exactly located at Thimphu capital of Bhutan, but the College of Science & Technology where SuperSID monitor is installed is located at Phuentsholing, Boarder to Indian state of West Bengal, so latitude and longitude indicated is just above the Indian border please.
Thanking You
-Sonam

To: Super_SID@yahoogroups.com
From: Super_SID@yahoogroups.com
Date: Mon, 23 Mar 2015 08:02:41 -0700
Subject: Re: [Super_SID] SuperSID Monitor Installed at CST, Bhutan!

Congratulations! Looking forward to seeing your data uploaded to the Stanford Solar Center servers.
And just as a check on the data, according to google maps, the latitude and longitude you gave comes out to be just over the border in India.
https://www.google.com/maps/place/26%C2%B051'00.0%22N+89%C2%B022'48.0%22E/@26.8499995,89.38,15z/data=!3m1!4b1!4m2!3m1!1s0x0:0x0

I see Royal University of Bhutan in Thimpu. If you are actually in Thimphu, then the location might be
https://www.google.com/maps/place/27%C2%B028'43.1%22N+89%C2%B038'08.3%22E/@27.4781971,89.6405082,15z/data=!4m2!3m1!1s0x0:0x0

If this is correct, please update your configuration file with the closer latitude and longitude.
-steve
On Mon, Mar 23, 2015 at 2:25 AM, Sonam Norbu sonamshakes10@hotmail.com [Super_SID] <Super_SID@yahoogroups.com> wrote:

Sir/Madam, we the members of Ionospheric Monitoring Group at College of Science and Technology, Royal University of Bhutan have successfully installed the SuperSID monitor. We have started recording the signal from 20th March, 2015. We have designed our own in-house antenna for receiving the VLF signal, as of now we are able to receive it successfully. We are very much looking forward in future to carry out further research work and share with the SuperSID community.the details of the SuperSID Monitor are: site_name = CST_B, longitude = +89.38, latitude = 26.85.As of now we are able to receive, VLF signals from six stations. Thaking You AllSonam Norbu

Lecturer

Electrical Engineering Department

College of Science & Technology

Royal University of Bhutan

Email ID# sonamshakes10@... or sonam_4y@...

Mobile No # +975-17980915

Fax No# +975-16478518

--
-steve

1563. Re: [Super_SID] SuperSID Monitor Installed at CST, Bhutan!

Yahoo group: Super_SID
Date: 2015-03-24 15:43:08 UTC
From: Steve Berl
Topic: 1544 Message: 1563
Attachments: 3 described; binary payloads are missing from this source WARC

Great. Thanks for confirming this. I hope to keep the map of SuperSID
locations up to date and many stations get this wrong.

Looking forward to seeing your observations. Happy listening

-steve

On Monday, March 23, 2015, Sonam Norbu sonamshakes10@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Respected Steve,
> Royal University of Bhutan is exactly located
> at Thimphu capital of Bhutan, but the College of Science & Technology where
> SuperSID monitor is installed is located at Phuentsholing, Boarder to
> Indian state of West Bengal, so latitude and longitude indicated is just
> above the Indian border please.
>
> Thanking You
>
> -Sonam
>
> ------------------------------
> To: Super_SID@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','Super_SID@yahoogroups.com');>
> From: Super_SID@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','Super_SID@yahoogroups.com');>
> Date: Mon, 23 Mar 2015 08:02:41 -0700
> Subject: Re: [Super_SID] SuperSID Monitor Installed at CST, Bhutan!
>
>
>
> Congratulations! Looking forward to seeing your data uploaded to the
> Stanford Solar Center servers.
>
> And just as a check on the data, according to google maps, the latitude
> and longitude you gave comes out to be just over the border in India.
>
>
> https://www.google.com/maps/place/26%C2%B051'00.0%22N+89%C2%B022'48.0%22E/@26.8499995,89
.38,15z/data=!3m1!4b1!4m2!3m1!1s0x0:0x0
> <https://www.google.com/maps/place/26%C2%B051%2700.0%22N+89%C2%B022%2748.0%22E/%4026.849
9995%2c89.38%2c15z/data=%213m1%214b1%214m2%213m1%211s0x0:0x0>
>

> I see Royal University of Bhutan in Thimpu. If you are actually in
> Thimphu, then the location might be
>
>
> https://www.google.com/maps/place/27%C2%B028'43.1%22N+89%C2%B038'08.3%22E/@27.4781971,89
.6405082,15z/data=!4m2!3m1!1s0x0:0x0
> <https://www.google.com/maps/place/27%C2%B028%2743.1%22N+89%C2%B038%2708.3%22E/%4027.478
1971%2c89.6405082%2c15z/data=%214m2%213m1%211s0x0:0x0>
>
> If this is correct, please update your configuration file with the closer
> latitude and longitude.
>
> -steve
>
> On Mon, Mar 23, 2015 at 2:25 AM, Sonam Norbu sonamshakes10@...
> <javascript:_e(%7B%7D,'cvml','sonamshakes10@...');> [Super_SID] <
> Super_SID@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','Super_SID@yahoogroups.com');>> wrote:
>
>
>
> Sir/Madam,
> we the members of Ionospheric Monitoring Group at
> College of Science and Technology, Royal University of Bhutan have
> successfully installed the SuperSID monitor. We have started recording the
> signal from 20th March, 2015. We have designed our own in-house antenna for
> receiving the VLF signal, as of now we are able to receive it successfully.
> We are very much looking forward in future to carry out further research
> work and share with the SuperSID community.
> the details of the SuperSID Monitor are: s*ite_name = CST_B, **longitude
> = +89.38, latitude = 26.85.*
> As of now we are able to receive, VLF signals from six stations.
> Thaking You All
>
> Sonam Norbu
>
>
> Lecturer
>
> Electrical Engineering Department
>
> College of Science & Technology
>
> Royal University of Bhutan
>
> Email ID# sonamshakes10@...
> <javascript:_e(%7B%7D,'cvml','sonamshakes10@...');> or
> sonam_4y@gmail.com <javascript:_e(%7B%7D,'cvml','sonam_4y@...');>
>
> Mobile No # +975-17980915

> Fax No# +975-16478518
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-steve

1564. Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-27 18:51:15 UTC
From: ciprian@...
Topic: 1564 Message: 1564

Hello,

I am building a new web interface to see my SuperSID data in a more convenient way. Instead of pushing the daily files to sid-ftp.stanford.edu I am using now my own server which has now an anonymous upload feature, just like the Stanford site.
My system is open for anyone. In fact I would encourage everyone to give it a try si I could see how graphics work with different data. All you have to do is to replace in the supersid.cfg file the line:

ftp_server = sid-ftp.stanford.edu

with this line:

ftp_server = sidruino.com

Make sure you have site_name set and automatic_upload = yes. At 0 UTC your SuperSID info will become available as links on the left side (hopefully) on this page:

http://www.sidruino.com/supersid/ http://www.sidruino.com/supersid/

Please let me know if you have any questions.

Thanks,
Chip

1565. Re: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-27 20:26:38 UTC
From: John ONeal
Topic: 1564 Message: 1565

Chip, can the config file be modified to send to both servers? I don't mind posting to your server and contributing to your project, but I don't really want to give up my daily contributions to the Stanford group.

John O'Neal, de N8NCK
From: "ciprian@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, March 27, 2015 2:51 PM
Subject: [Super_SID] Alternate reporting website

  Hello,
I am building a new web interface to see my SuperSID data in a more convenient way. Instead of pushing the daily files to sid-ftp.stanford.edu I am using now my own server which has now an anonymous upload feature, just like the Stanford site.My system is open for anyone. In fact I would encourage everyone to give it a try si I could see how graphics work with different data. All you have to do is to replace in the supersid.cfg file the line:
ftp_server = sid-ftp.stanford.edu
with this line:
ftp_server = sidruino.com
Make sure you have site_name set and automatic_upload = yes. At 0 UTC your SuperSID info will become available as links on the left side (hopefully) on this page:
http://www.sidruino.com/supersid/
Please let me know if you have any questions.
Thanks,Chip

1566. RE: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-27 20:44:45 UTC
From: Ciprian Sufitchi
Topic: 1564 Message: 1566
Attachments: 2 described; binary payloads are missing from this source WARC

Hi John,

I don’t think the SuperSID program has a feature to upload data on more than one server, so no modification in config file would help. What I could do is on my web site to etablish a cron process that once every day, at 00:05 UTC for instance, any new files from my ftp server would be uploaded to sid-ftp.stanford.edu. This way your files(s) will be on both servers. How about that?

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Friday, March 27, 2015 4:27 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Alternate reporting website

Chip, can the config file be modified to send to both servers? I don't mind posting to your server and contributing to your project, but I don't really want to give up my daily contributions to the Stanford group.

John O'Neal, de N8NCK

From: "ciprian@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, March 27, 2015 2:51 PM
Subject: [Super_SID] Alternate reporting website

Hello,

I am building a new web interface to see my SuperSID data in a more convenient way. Instead of pushing the daily files to sid-ftp.stanford.edu I am using now my own server which has now an anonymous upload feature, just like the Stanford site.

My system is open for anyone. In fact I would encourage everyone to give it a try si I could see how graphics work with different data. All you have to do is to replace in the supersid.cfg file the line:

ftp_server = sid-ftp.stanford.edu

with this line:

ftp_server = sidruino.com

Make sure you have site_name set and automatic_upload = yes. At 0 UTC your SuperSID info will become available as links on the left side (hopefully) on this page:

http://www.sidruino.com/supersid/

Please let me know if you have any questions.

Thanks,

Chip

1567. Re: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-27 20:46:09 UTC
From: Steve Berl
Topic: 1564 Message: 1567

I was thinking the same thing. I want my data to always go to Stanford, but sometimes send it also to another place.

The current code wont support that, but the changes to make it happen are not difficult.

You can also upload files to any server manually with an FTP client such as FileZilla (https://filezilla-project.org/).

-steve

On Fri, Mar 27, 2015 at 1:26 PM, John ONeal kohamher1@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Chip, can the config file be modified to send to both servers? I don't
> mind posting to your server and contributing to your project, but I don't
> really want to give up my daily contributions to the Stanford group.
>
> John O'Neal, de N8NCK
>
> ------------------------------
> *From:* "ciprian@... [Super_SID]" <Super_SID@yahoogroups.com>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Friday, March 27, 2015 2:51 PM
> *Subject:* [Super_SID] Alternate reporting website
>
>
> Hello,
>
> I am building a new web interface to see my SuperSID data in a more
> convenient way. Instead of pushing the daily files to sid-ftp.stanford.edu
> I am using now my own server which has now an anonymous upload feature,
> just like the Stanford site.
> My system is open for anyone. In fact I would encourage everyone to give
> it a try si I could see how graphics work with different data. All you have
> to do is to replace in the supersid.cfg file the line:
>
> ftp_server = sid-ftp.stanford.edu
>
> with this line:
>
> ftp_server = sidruino.com
>
> Make sure you have site_name set and automatic_upload = yes. At 0 UTC your

> SuperSID info will become available as links on the left side (hopefully)
> on this page:
>
> http://www.sidruino.com/supersid/
>
> Please let me know if you have any questions.
>
> Thanks,
> Chip
>
>
>
>
>

--
-steve

1568. Re: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-27 20:54:48 UTC
From: Steve Berl
Topic: 1564 Message: 1568

Hi Ciprian,

Alternately, everyone can continue to upload files to stanford.edu, and
then your site can periodically pull down whatever files you want from
there. Then people don't need to mess with their existing config files.

The file format is a little different, but not terribly.
You would need some code to construct the URL to retrieve the data.

-steve

On Fri, Mar 27, 2015 at 1:44 PM, 'Ciprian Sufitchi' ciprian@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Hi John,
>
>
>
> I don’t think the SuperSID program has a feature to upload data on more
> than one server, so no modification in config file would help. What I
> could do is on my web site to etablish a cron process that once every day,
> at 00:05 UTC for instance, any new files from my ftp server would be
> uploaded to sid-ftp.stanford.edu. This way your files(s) will be on both
> servers. How about that?
>
>
>
> Chip
>
>
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Friday, March 27, 2015 4:27 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Alternate reporting website
>
>
>
>
>
>
> Chip, can the config file be modified to send to both servers? I don't
> mind posting to your server and contributing to your project, but I don't
> really want to give up my daily contributions to the Stanford group.
>

> John O'Neal, de N8NCK
>
>
> ------------------------------
>
> *From:* "ciprian@... [Super_SID]" <Super_SID@yahoogroups.com>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Friday, March 27, 2015 2:51 PM
> *Subject:* [Super_SID] Alternate reporting website
>
>
>
>
>
>
> Hello,
>
>
>
> I am building a new web interface to see my SuperSID data in a more
> convenient way. Instead of pushing the daily files to sid-ftp.stanford.edu
> I am using now my own server which has now an anonymous upload feature,
> just like the Stanford site.
>
> My system is open for anyone. In fact I would encourage everyone to give
> it a try si I could see how graphics work with different data. All you have
> to do is to replace in the supersid.cfg file the line:
>
>
>
> ftp_server = sid-ftp.stanford.edu
>
>
>
> with this line:
>
>
>
> ftp_server = sidruino.com
>
>
>
> Make sure you have site_name set and automatic_upload = yes. At 0 UTC your
> SuperSID info will become available as links on the left side (hopefully)
> on this page:
>
>
>
> http://www.sidruino.com/supersid/
>
>

>
> Please let me know if you have any questions.
>
>
>
> Thanks,
>
> Chip
>
>
>
>
>
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>

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-steve

1569. RE: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-27 21:08:03 UTC
From: Ciprian Sufitchi
Topic: 1564 Message: 1569
Attachments: 2 described; binary payloads are missing from this source WARC

I can do that thing too. In fact I tried to ftp connect and download data, but the ftp server does not allow list. I remote mounted the Stanford ftp with curlftps, without much luck. I'll try the URL thing.

Thanks,

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Friday, March 27, 2015 4:55 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Alternate reporting website

Hi Ciprian,

Alternately, everyone can continue to upload files to stanford.edu <http://stanford.edu> , and then your site can periodically pull down whatever files you want from there. Then people don't need to mess with their existing config files.

The file format is a little different, but not terribly.

You would need some code to construct the URL to retrieve the data.

-steve

On Fri, Mar 27, 2015 at 1:44 PM, 'Ciprian Sufitchi' ciprian@sufitchi.com <mailto:ciprian@...> [Super_SID] <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> > wrote:

Hi John,

I don't think the SuperSID program has a feature to upload data on more than one server, so no modification in config file would help. What I could do is on my web site to etablish a cron process that once every day, at 00:05 UTC for instance, any new files from my ftp server would be uploaded to sid-ftp.stanford.edu <http://sid-ftp.stanford.edu> . This way your files(s) will be on both servers. How about that?

Chip

From: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> [mailto:Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>]
Sent: Friday, March 27, 2015 4:27 PM
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Subject: Re: [Super_SID] Alternate reporting website

Chip, can the config file be modified to send to both servers? I don't mind posting to your server and contributing to your project, but I don't really want to give up my daily

contributions to the Stanford group.

John O'Neal, de N8NCK

From: "ciprian@... <mailto:ciprian@...> [Super_SID]" <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> >
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Sent: Friday, March 27, 2015 2:51 PM
Subject: [Super_SID] Alternate reporting website

Hello,

I am building a new web interface to see my SuperSID data in a more convenient way. Instead of pushing the daily files to sid-ftp.stanford.edu <http://sid-ftp.stanford.edu> I am using now my own server which has now an anonymous upload feature, just like the Stanford site.

My system is open for anyone. In fact I would encourage everyone to give it a try si I could see how graphics work with different data. All you have to do is to replace in the supersid.cfg file the line:

ftp_server = sid-ftp.stanford.edu <http://sid-ftp.stanford.edu>

with this line:

ftp_server = sidruino.com <http://sidruino.com>

Make sure you have site_name set and automatic_upload = yes. At 0 UTC your SuperSID info will become available as links on the left side (hopefully) on this page:

http://www.sidruino.com/supersid/

Please let me know if you have any questions.

Thanks,

Chip

--

-steve

1570. RE: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-28 04:11:38 UTC
From: Ciprian Sufitchi
Topic: 1564 Message: 1570
Attachments: 2 described; binary payloads are missing from this source WARC

OK, I am able to retrieve files from Stanford ftp, I got data for a few days. Now there are lots of files! If I mirror the Stanford server I may get about 5000 files per month or 60000 per year. Storage should be around 30 GB of data per year. The problem is that searching, joining and ordering may become problematic working with files. A hybrid database+files may be the solution. The files I transferred (about ~1500) are here:

http://www.sidruino.com/supersid/index_tmp.php

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Friday, March 27, 2015 5:08 PM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] Alternate reporting website

I can do that thing too. In fact I tried to ftp connect and download data, but the ftp server does not allow list. I remote mounted the Stanford ftp with curlftps, without much luck. I'll try the URL thing.

Thanks,

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Friday, March 27, 2015 4:55 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Alternate reporting website

Hi Ciprian,

Alternately, everyone can continue to upload files to stanford.edu <http://stanford.edu> , and then your site can periodically pull down whatever files you want from there. Then people don't need to mess with their existing config files.

The file format is a little different, but not terribly.

You would need some code to construct the URL to retrieve the data.

-steve

On Fri, Mar 27, 2015 at 1:44 PM, 'Ciprian Sufitchi' ciprian@... <mailto:ciprian@...> [Super_SID] <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> > wrote:

Hi John,

I don't think the SuperSID program has a feature to upload data on more than one server, so no modification in config file would help. What I could do is on my web site to etablish a cron process that once every day, at 00:05 UTC for instance, any new files from my ftp

server would be uploaded to <http://sid-ftp.stanford.edu> sid-ftp.stanford.edu. This way your files(s) will be on both servers. How about that?

Chip

From: <mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com [mailto:
<mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com]
Sent: Friday, March 27, 2015 4:27 PM
To: <mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Alternate reporting website

Chip, can the config file be modified to send to both servers? I don't mind posting to your server and contributing to your project, but I don't really want to give up my daily contributions to the Stanford group.

John O'Neal, de N8NCK

_____

From: " <mailto:ciprian@...> ciprian@sufitchi.com [Super_SID]" <
<mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com>
To: <mailto:Super_SID@yahoogroups.com> Super_SID@...m
Sent: Friday, March 27, 2015 2:51 PM
Subject: [Super_SID] Alternate reporting website

Hello,

I am building a new web interface to see my SuperSID data in a more convenient way. Instead of pushing the daily files to <http://sid-ftp.stanford.edu> sid-ftp.stanford.edu I am using now my own server which has now an anonymous upload feature, just like the Stanford site.

My system is open for anyone. In fact I would encourage everyone to give it a try si I could see how graphics work with different data. All you have to do is to replace in the supersid.cfg file the line:

ftp_server = <http://sid-ftp.stanford.edu> sid-ftp.stanford.edu

with this line:

ftp_server = <http://sidruino.com> sidruino.com

Make sure you have site_name set and automatic_upload = yes. At 0 UTC your SuperSID info will become available as links on the left side (hopefully) on this page:

<http://www.sidruino.com/supersid/> http://www.sidruino.com/supersid/

Please let me know if you have any questions.

Thanks,

Chip

--

-steve

1571. Fw: [Super_SID] Raspberry Pi for SuperSID

Yahoo group: Super_SID
Date: 2015-03-28 05:56:26 UTC
From: Jack Soon
Topic: 1571 Message: 1571
Attachments: 2 described; binary payloads are missing from this source WARC

On Saturday, March 28, 2015 1:41 PM, Jack Soon <jacksoon_94@yahoo.com> wrote:

Dear Eric:
        I am Yean Ling, final year student from the National University of Malaysia. My final year project is developing a portable Supersid system with using Raspberry pi. I have suffering with the problem on saving the buffer raw for the strength of station when running the python codes that I downloaded from ericgibert/supersid.GitHub. The magnitude of the strength that saved in the data path showed 0.00000. Besides, after I clicked the "Save buffer raw", an error will display on the python shell. Please kindly give me some advices solving this problems.
        Thanks.

1572. Re: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-28 15:54:19 UTC
From: Deborah Scherrer
Topic: 1564 Message: 1572

One big problem with the SID data files is that 80% of them are noise, not data. Many people have not bothered to check their data when setting up the machine, then send us everything they think they are picking up. We have a quality algorithm that can sort out the bad data from the good. But we have not had time to change the scripts to implement it. Once we do that, then if you want to collect the SID data, you could collect only the "good" data files. That would cut the storage need down quite a bit.

Deborah Scherrer
Stanford Solar Center

On 3/27/15 9:11 PM, 'Ciprian Sufitchi' ciprian@... [Super_SID] wrote:
>
> OK, I am able to retrieve files from Stanford ftp, I got data for a
> few days. Now there are lots of files! If I mirror the Stanford server
> I may get about 5000 files per month or 60000 per year. Storage should
> be around 30 GB of data per year. The problem is that searching,
> joining and ordering may become problematic working with files. A
> hybrid database+files may be the solution. The files I transferred
> (about ~1500) are here:
>
> http://www.sidruino.com/supersid/index_tmp.php
>
> Chip
>
> *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Friday, March 27, 2015 5:08 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* RE: [Super_SID] Alternate reporting website
>
> I can do that thing too. In fact I tried to ftp connect and download
> data, but the ftp server does not allow list. I remote mounted the
> Stanford ftp with curlftps, without much luck. I'll try the URL thing.
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> Thanks,
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> Chip
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> *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Friday, March 27, 2015 4:55 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Alternate reporting website
>

> Hi Ciprian,
>
> Alternately, everyone can continue to upload files to stanford.edu
> <http://stanford.edu>, and then your site can periodically pull down
> whatever files you want from there. Then people don't need to mess
> with their existing config files.
>
> The file format is a little different, but not terribly.
>
> You would need some code to construct the URL to retrieve the data.
>
> -steve
>
> On Fri, Mar 27, 2015 at 1:44 PM, 'Ciprian Sufitchi'
> ciprian@... <mailto:ciprian@...> [Super_SID]
> <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>> wrote:
>
> Hi John,
>
> I don’t think the SuperSID program has a feature to upload data on
> more than one server, so no modification in config file would
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> that once every day, at 00:05 UTC for instance, any new files from
> my ftp server would be uploaded to sid-ftp.stanford.edu
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> both servers. How about that?
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> <mailto:Super_SID@yahoogroups.com>[mailto:Super_SID@yahoogroups.com
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> *Sent:* Friday, March 27, 2015 4:27 PM
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
> *Subject:* Re: [Super_SID] Alternate reporting website
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> Chip, can the config file be modified to send to both servers? I
> don't mind posting to your server and contributing to your
> project, but I don't really want to give up my daily contributions
> to the Stanford group.
>
> John O'Neal, de N8NCK
>
> ---
>
> *From:*"ciprian@...
> <mailto:ciprian@...>[Super_SID]"
> <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>>
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>

> *Sent:* Friday, March 27, 2015 2:51 PM
> *Subject:* [Super_SID] Alternate reporting website
>
> Hello,
>
> I am building a new web interface to see my SuperSID data in a
> more convenient way. Instead of pushing the daily files to
> sid-ftp.stanford.edu <http://sid-ftp.stanford.edu>I am using now
> my own server which has now an anonymous upload feature, just like
> the Stanford site.
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> My system is open for anyone. In fact I would encourage everyone
> to give it a try si I could see how graphics work with different
> data. All you have to do is to replace in the supersid.cfg file
> the line:
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> ftp_server = sid-ftp.stanford.edu <http://sid-ftp.stanford.edu>
>
> with this line:
>
> ftp_server = sidruino.com <http://sidruino.com>
>
> Make sure you have site_name set and automatic_upload = yes. At 0
> UTC your SuperSID info will become available as links on the left
> side (hopefully) on this page:
>
> http://www.sidruino.com/supersid/
>
> Please let me know if you have any questions.
>
> Thanks,
>
> Chip
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>
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> --
>
> -steve
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>

1573. Re: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-28 16:09:23 UTC
From: Steve Berl
Topic: 1564 Message: 1573

Ciprian,

Pretty cool. I like the way the GEOS data is displayed in your plots. Much better than the horizontal bars displayed on the Stanford site.

One issue is when you scroll down and select a file, the page jumps up to the top again, so I need to scroll all the way down again to click the next one. If the list on the left side of the page could be a separate scrolling pane, that would be nice.

On Fri, Mar 27, 2015 at 9:11 PM, 'Ciprian Sufitchi' ciprian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> OK, I am able to retrieve files from Stanford ftp, I got data for a few
> days. Now there are lots of files! If I mirror the Stanford server I may
> get about 5000 files per month or 60000 per year. Storage should be around
> 30 GB of data per year. The problem is that searching, joining and ordering
> may become problematic working with files. A hybrid database+files may be
> the solution. The files I transferred (about ~1500) are here:
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> *Sent:* Friday, March 27, 2015 5:08 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* RE: [Super_SID] Alternate reporting website
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> I can do that thing too. In fact I tried to ftp connect and download data,
> but the ftp server does not allow list. I remote mounted the Stanford ftp
> with curlftps, without much luck. I'll try the URL thing.
>
>

>
> Thanks,
>
> Chip
>
>
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> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Friday, March 27, 2015 4:55 PM
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> Hi Ciprian,
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>
> Alternately, everyone can continue to upload files to stanford.edu, and
> then your site can periodically pull down whatever files you want from
> there. Then people don't need to mess with their existing config files.
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> The file format is a little different, but not terribly.
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> On Fri, Mar 27, 2015 at 1:44 PM, 'Ciprian Sufitchi' ciprian@...
> [Super_SID] <Super_SID@yahoogroups.com> wrote:
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> Hi John,
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> could do is on my web site to etablish a cron process that once every day,
> at 00:05 UTC for instance, any new files from my ftp server would be
> uploaded to sid-ftp.stanford.edu. This way your files(s) will be on both

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> *To:* Super_SID@yahoogroups.com
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> mind posting to your server and contributing to your project, but I don't
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>
> John O'Neal, de N8NCK
>
>
> ------------------------------
>
> *From:* "ciprian@...m [Super_SID]" <Super_SID@yahoogroups.com>
> *To:* Super_SID@...m
> *Sent:* Friday, March 27, 2015 2:51 PM
> *Subject:* [Super_SID] Alternate reporting website
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> it a try si I could see how graphics work with different data. All you have
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> ftp_server = sid-ftp.stanford.edu
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> Make sure you have site_name set and automatic_upload = yes. At 0 UTC your
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> -steve
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-steve

1574. Re: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-28 16:18:39 UTC
From: Steve Berl
Topic: 1564 Message: 1574

Hi Debra,

I'd like to help get that quality metric stuff implemented if possible.
Seems like it would make the whole data set better.

I know you sent a reference on the algorithm for calculating the metric a
while back (https://sites.google.com/site/siddataanalyzer/), but I think
you said there was actually some code around that implements it someplace.
Would it be possible to get that code?

-steve

On Sat, Mar 28, 2015 at 8:54 AM, Deborah Scherrer
dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> One big problem with the SID data files is that 80% of them are noise, not
> data. Many people have not bothered to check their data when setting up
> the machine, then send us everything they think they are picking up. We
> have a quality algorithm that can sort out the bad data from the good. But
> we have not had time to change the scripts to implement it. Once we do
> that, then if you want to collect the SID data, you could collect only the
> "good" data files. That would cut the storage need down quite a bit.
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> Deborah Scherrer
> Stanford Solar Center
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> days. Now there are lots of files! If I mirror the Stanford server I may
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> 30 GB of data per year. The problem is that searching, joining and ordering
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> Hi Ciprian,
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> Alternately, everyone can continue to upload files to stanford.edu, and
> then your site can periodically pull down whatever files you want from
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> You would need some code to construct the URL to retrieve the data.

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> On Fri, Mar 27, 2015 at 1:44 PM, 'Ciprian Sufitchi' ciprian@sufitchi.com
> [Super_SID] <Super_SID@yahoogroups.com> wrote:
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> Hi John,
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> *From:* "ciprian@... [Super_SID]" <Super_SID@yahoogroups.com>
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> *Sent:* Friday, March 27, 2015 2:51 PM

> *Subject:* [Super_SID] Alternate reporting website
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> Chip

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-steve

1575. Re: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-28 16:26:30 UTC
From: Deborah Scherrer
Topic: 1564 Message: 1575

The code is actually already implemented in the data browser. The problem is that I need to incorporate it into the data ingestion code. It's way high on my list, but I never seem to get to my list cause too many bureaucratic and other details get in the way... It's quite frustrating....

Lemme see if I can get to it this week....

Debbie

On 3/28/15 9:18 AM, Steve Berl steveberl@... [Super_SID] wrote:
> Hi Debra,
>
> I'd like to help get that quality metric stuff implemented if
> possible. Seems like it would make the whole data set better.
>
> I know you sent a reference on the algorithm for calculating the
> metric a while back (https://sites.google.com/site/siddataanalyzer/),
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> dscherrer@... <mailto:dscherrer@...>
> [Super_SID] <Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>> wrote:
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> noise, not data. Many people have not bothered to check their
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>
> Deborah Scherrer
> Stanford Solar Center
>
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> On 3/27/15 9:11 PM, 'Ciprian Sufitchi' ciprian@...
> <mailto:ciprian@...> [Super_SID] wrote:
>>
>> OK, I am able to retrieve files from Stanford ftp, I got data for

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>> Storage should be around 30 GB of data per year. The problem is
>> that searching, joining and ordering may become problematic
>> working with files. A hybrid database+files may be the solution.
>> The files I transferred (about ~1500) are here:
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>> Chip
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>> <mailto:Super_SID@yahoogroups.com>
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>> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
>> *Subject:* RE: [Super_SID] Alternate reporting website
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>> I can do that thing too. In fact I tried to ftp connect and
>> download data, but the ftp server does not allow list. I remote
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>> Thanks,
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>> Chip
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>> -steve
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1576. Re: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-28 16:28:24 UTC
From: Steve Berl
Topic: 1564 Message: 1576

Thanks Debbie.

-steve

P.S. I'm finally ready to start implementing real time display of the data.
Hope to get going on that today!

On Sat, Mar 28, 2015 at 9:26 AM, Deborah Scherrer
dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> The code is actually already implemented in the data browser. The problem
> is that I need to incorporate it into the data ingestion code. It's way
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>> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com
>> <Super_SID@yahoogroups.com>]
>> *Sent:* Friday, March 27, 2015 4:55 PM
>> *To:* Super_SID@yahoogroups.com
>> *Subject:* Re: [Super_SID] Alternate reporting website
>>
>>
>>
>>
>>
>> Hi Ciprian,
>>
>>
>>
>> Alternately, everyone can continue to upload files to stanford.edu, and
>> then your site can periodically pull down whatever files you want from
>> there. Then people don't need to mess with their existing config files.
>>
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>>
>> The file format is a little different, but not terribly.
>>
>> You would need some code to construct the URL to retrieve the data.
>>
>>
>>
>> -steve
>>
>>
>>
>> On Fri, Mar 27, 2015 at 1:44 PM, 'Ciprian Sufitchi' ciprian@sufitchi.com
>> [Super_SID] <Super_SID@yahoogroups.com> wrote:
>>
>>
>>
>> Hi John,
>>
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>>
>> I don’t think the SuperSID program has a feature to upload data on more
>> than one server, so no modification in config file would help. What I
>> could do is on my web site to etablish a cron process that once every day,
>> at 00:05 UTC for instance, any new files from my ftp server would be
>> uploaded to sid-ftp.stanford.edu. This way your files(s) will be on both
>> servers. How about that?

>>
>>
>>
>> Chip
>>
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>>
>> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
>> *Sent:* Friday, March 27, 2015 4:27 PM
>> *To:* Super_SID@yahoogroups.com
>> *Subject:* Re: [Super_SID] Alternate reporting website
>>
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>>
>> Chip, can the config file be modified to send to both servers? I don't
>> mind posting to your server and contributing to your project, but I don't
>> really want to give up my daily contributions to the Stanford group.
>>
>> John O'Neal, de N8NCK
>>
>>
>> ------------------------------
>>
>> *From:* "ciprian@... [Super_SID]" <Super_SID@yahoogroups.com>
>> *To:* Super_SID@yahoogroups.com
>> *Sent:* Friday, March 27, 2015 2:51 PM
>> *Subject:* [Super_SID] Alternate reporting website
>>
>>
>>
>>
>>
>> Hello,
>>
>>
>>
>> I am building a new web interface to see my SuperSID data in a more
>> convenient way. Instead of pushing the daily files to
>> sid-ftp.stanford.edu I am using now my own server which has now an
>> anonymous upload feature, just like the Stanford site.
>>
>> My system is open for anyone. In fact I would encourage everyone to give
>> it a try si I could see how graphics work with different data. All you have
>> to do is to replace in the supersid.cfg file the line:
>>
>>
>>
>> ftp_server = sid-ftp.stanford.edu

>>
>>
>>
>> with this line:
>>
>>
>>
>> ftp_server = sidruino.com
>>
>>
>>
>> Make sure you have site_name set and automatic_upload = yes. At 0 UTC
>> your SuperSID info will become available as links on the left side
>> (hopefully) on this page:
>>
>>
>>
>> http://www.sidruino.com/supersid/
>>
>>
>>
>> Please let me know if you have any questions.
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>> Thanks,
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>> Chip
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>> -steve
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> -steve
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-steve

1577. RE: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-28 16:29:56 UTC
From: Ciprian Sufitchi
Topic: 1564 Message: 1577
Attachments: 2 described; binary payloads are missing from this source WARC

That page is just a demo, it was not designed for daily usage, it is just a way to demonstrate an alternate method to show graphically SuperSID collected data.

Indeed most of the files are not useful, showing random noise. It would be really nice to be able to grab only reliable txt file. If each file would have in the file name or in a commented like some sort of flag, that should be pretty handy.

Thanks for feedback.

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, March 28, 2015 12:09 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Alternate reporting website

Ciprian,

Pretty cool. I like the way the GEOS data is displayed in your plots. Much better than the horizontal bars displayed on the Stanford site.

One issue is when you scroll down and select a file, the page jumps up to the top again, so I need to scroll all the way down again to click the next one. If the list on the left side of the page could be a separate scrolling pane, that would be nice.

On Fri, Mar 27, 2015 at 9:11 PM, 'Ciprian Sufitchi' ciprian@sufitchi.com
<mailto:ciprian@...> [Super_SID] <Super_SID@yahoogroups.com
<mailto:Super_SID@yahoogroups.com> > wrote:

OK, I am able to retrieve files from Stanford ftp, I got data for a few days. Now there are lots of files! If I mirror the Stanford server I may get about 5000 files per month or 60000 per year. Storage should be around 30 GB of data per year. The problem is that searching, joining and ordering may become problematic working with files. A hybrid database+files may be the solution. The files I transferred (about ~1500) are here:

http://www.sidruino.com/supersid/index_tmp.php

Chip

From: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
[mailto:Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>]
Sent: Friday, March 27, 2015 5:08 PM
To: Super_SID@...m <mailto:Super_SID@yahoogroups.com>
Subject: RE: [Super_SID] Alternate reporting website

I can do that thing too. In fact I tried to ftp connect and download data, but the ftp server does not allow list. I remote mounted the Stanford ftp with curlftps, without much

luck. I’ll try the URL thing.

Thanks,

Chip

From: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
[mailto:Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>]
Sent: Friday, March 27, 2015 4:55 PM
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Subject: Re: [Super_SID] Alternate reporting website

Hi Ciprian,

Alternately, everyone can continue to upload files to stanford.edu <http://stanford.edu> , and then your site can periodically pull down whatever files you want from there. Then people don't need to mess with their existing config files.

The file format is a little different, but not terribly.

You would need some code to construct the URL to retrieve the data.

-steve

On Fri, Mar 27, 2015 at 1:44 PM, 'Ciprian Sufitchi' ciprian@... <mailto:ciprian@...>
[Super_SID] <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> > wrote:

Hi John,

I don’t think the SuperSID program has a feature to upload data on more than one server, so no modification in config file would help. What I could do is on my web site to etablish a cron process that once every day, at 00:05 UTC for instance, any new files from my ftp server would be uploaded to <http://sid-ftp.stanford.edu> sid-ftp.stanford.edu. This way your files(s) will be on both servers. How about that?

Chip

From: <mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com [mailto:
<mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com]
Sent: Friday, March 27, 2015 4:27 PM
To: <mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Alternate reporting website

Chip, can the config file be modified to send to both servers? I don't mind posting to your server and contributing to your project, but I don't really want to give up my daily contributions to the Stanford group.

John O'Neal, de N8NCK

From: " <mailto:ciprian@...> ciprian@... [Super_SID]" < <mailto:Super_SID@yahoogroups.com>
Super_SID@yahoogroups.com>
To: <mailto:Super_SID@yahoogroups.com> Super_SID@yahoogroups.com
Sent: Friday, March 27, 2015 2:51 PM

Subject: [Super_SID] Alternate reporting website

Hello,

I am building a new web interface to see my SuperSID data in a more convenient way. Instead of pushing the daily files to <http://sid-ftp.stanford.edu> sid-ftp.stanford.edu I am using now my own server which has now an anonymous upload feature, just like the Stanford site.

My system is open for anyone. In fact I would encourage everyone to give it a try si I could see how graphics work with different data. All you have to do is to replace in the supersid.cfg file the line:

ftp_server = <http://sid-ftp.stanford.edu> sid-ftp.stanford.edu

with this line:

ftp_server = <http://sidruino.com> sidruino.com

Make sure you have site_name set and automatic_upload = yes. At 0 UTC your SuperSID info will become available as links on the left side (hopefully) on this page:

<http://www.sidruino.com/supersid/> http://www.sidruino.com/supersid/

Please let me know if you have any questions.

Thanks,

Chip

--

-steve

--

-steve

1578. Re: Fw: [Super_SID] Raspberry Pi for SuperSID [2 Attachments]

Yahoo group: Super_SID
Date: 2015-03-28 16:33:40 UTC
From: Steve Berl
Topic: 1571 Message: 1578

There was some email discussion a few months ago about problems with
sampling at 96000 on Raspberry PI. Not sure the current status. The
conversation is
https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1507

-steve

On Fri, Mar 27, 2015 at 10:56 PM, Jack Soon jacksoon_94@...m
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#14c60c99d0c56574_TopText> from Jack Soon
> jacksoon_94@... [Super_SID] included below]
>
>
>
> On Saturday, March 28, 2015 1:41 PM, Jack Soon <jacksoon_94@...>
> wrote:
>
>
> Dear Eric:
> I am Yean Ling, final year student from the National University
> of Malaysia. My final year project is developing a portable Supersid system
> with using Raspberry pi. I have suffering with the problem on saving the
> buffer raw for the strength of station when running the python codes that I
> downloaded from ericgibert/supersid.GitHub. The magnitude of the strength
> that saved in the data path showed 0.00000. Besides, after I clicked the
> "Save buffer raw", an error will display on the python shell. Please kindly
> give me some advices solving this problems.
> Thanks.
>
>
>
>

--
-steve

1579. Re: [Super_SID] Alternate reporting website

Yahoo group: Super_SID
Date: 2015-03-28 16:35:59 UTC
From: Deborah Scherrer
Topic: 1564 Message: 1579

Yes, that's the plan. Trouble is, no time...

Debbie

On 3/28/15 9:29 AM, 'Ciprian Sufitchi' ciprian@... [Super_SID]
wrote:
>
> That page is just a demo, it was not designed for daily usage, it is
> just a way to demonstrate an alternate method to show graphically
> SuperSID collected data.
>
> Indeed most of the files are not useful, showing random noise. It
> would be really nice to be able to grab only reliable txt file. If
> each file would have in the file name or in a commented like some sort
> of flag, that should be pretty handy.
>
> Thanks for feedback.
>
> Chip
>
> *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Saturday, March 28, 2015 12:09 PM
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Alternate reporting website
>
> Ciprian,
>
> Pretty cool. I like the way the GEOS data is displayed in your plots.
> Much better than the horizontal bars displayed on the Stanford site.
>
> One issue is when you scroll down and select a file, the page jumps up
> to the top again, so I need to scroll all the way down again to click
> the next one. If the list on the left side of the page could be a
> separate scrolling pane, that would be nice.
>
> On Fri, Mar 27, 2015 at 9:11 PM, 'Ciprian Sufitchi'
> ciprian@... <mailto:ciprian@...> [Super_SID]
> <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>> wrote:
>
> OK, I am able to retrieve files from Stanford ftp, I got data for
> a few days. Now there are lots of files! If I mirror the Stanford
> server I may get about 5000 files per month or 60000 per year.
> Storage should be around 30 GB of data per year. The problem is
> that searching, joining and ordering may become problematic
> working with files. A hybrid database+files may be the solution.

> The files I transferred (about ~1500) are here:
>
> http://www.sidruino.com/supersid/index_tmp.php
>
> Chip
>
> *From:*Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>
> [mailto:Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>]
> *Sent:* Friday, March 27, 2015 5:08 PM
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
> *Subject:* RE: [Super_SID] Alternate reporting website
>
> I can do that thing too. In fact I tried to ftp connect and
> download data, but the ftp server does not allow list. I remote
> mounted the Stanford ftp with curlftps, without much luck. I'll
> try the URL thing.
>
> Thanks,
>
> Chip
>
> *From:*Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>
> [mailto:Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>]
> *Sent:* Friday, March 27, 2015 4:55 PM
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
> *Subject:* Re: [Super_SID] Alternate reporting website
>
> Hi Ciprian,
>
> Alternately, everyone can continue to upload files to stanford.edu
> <http://stanford.edu>, and then your site can periodically pull
> down whatever files you want from there. Then people don't need to
> mess with their existing config files.
>
> The file format is a little different, but not terribly.
>
> You would need some code to construct the URL to retrieve the data.
>
> -steve
>
> On Fri, Mar 27, 2015 at 1:44 PM, 'Ciprian Sufitchi'
> ciprian@... <mailto:ciprian@...> [Super_SID]
> <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>> wrote:
>
> Hi John,
>
> I don't think the SuperSID program has a feature to upload
> data on more than one server, so no modification in config

> file would help. What I could do is on my web site to
> etablish a cron process that once every day, at 00:05 UTC for
> instance, any new files from my ftp server would be uploaded
> to sid-ftp.stanford.edu <http://sid-ftp.stanford.edu>. This
> way your files(s) will be on both servers. How about that?
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> Chip
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> *From:*Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>[mailto:Super_SID@yahoogroups.com
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> *Sent:* Friday, March 27, 2015 4:27 PM
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
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> Chip, can the config file be modified to send to both servers?
> I don't mind posting to your server and contributing to your
> project, but I don't really want to give up my daily
> contributions to the Stanford group.
>
> John O'Neal, de N8NCK
>
> ---
>
> *From:*"ciprian@...
> <mailto:ciprian@...>[Super_SID]"
> <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>>
> *To:* Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
> *Sent:* Friday, March 27, 2015 2:51 PM
> *Subject:* [Super_SID] Alternate reporting website
>
> Hello,
>
> I am building a new web interface to see my SuperSID data in a
> more convenient way. Instead of pushing the daily files to
> sid-ftp.stanford.edu <http://sid-ftp.stanford.edu>I am using
> now my own server which has now an anonymous upload feature,
> just like the Stanford site.
>
> My system is open for anyone. In fact I would encourage
> everyone to give it a try si I could see how graphics work
> with different data. All you have to do is to replace in the
> supersid.cfg file the line:
>
> ftp_server = sid-ftp.stanford.edu <http://sid-ftp.stanford.edu>
>
> with this line:
>
> ftp_server = sidruino.com <http://sidruino.com>
>

> Make sure you have site_name set and automatic_upload = yes.
> At 0 UTC your SuperSID info will become available as links on
> the left side (hopefully) on this page:
>
> http://www.sidruino.com/supersid/
>
> Please let me know if you have any questions.
>
> Thanks,
>
> Chip
>
>
>
> --
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> -steve
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>
> -steve
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>

1580. Re: Fw: [Super_SID] Raspberry Pi for SuperSID [2 Attachments]

Yahoo group: Super_SID
Date: 2015-03-29 01:05:14 UTC
From: ericgibert@...
Topic: 1571 Message: 1580

Hello
The soundcard is not recognize and does not caprure data. Hence the zeroes.
the first screen shot indicates a .cfg file with an error.
review the .cfv or send it to me for checki g. Follow fhe doc to be sure you have identified the soundcard properly.
For the begi ining, better use the viewer=wx option to xee the graphical display.
Best regards
Eric
--
Sent from myMail app for Android
Saturday, 28 March 2015, 01:56pm +08:00 from "Jack Soon jacksoon_94@yahoo.com [Super_SID]" <Super_SID@yahoogroups.com>:
>[Attachment(s) from Jack Soon jacksoon_94@yahoo.com [Super_SID] included below]
>On Saturday, March 28, 2015 1:41 PM, Jack Soon <jacksoon_94@yahoo.com> wrote:
>Dear Eric:
>   I am Yean Ling, final year student from the National University of Malaysia. My final year project is developing a portable Supersid system with using Raspberry pi. I have suffering with the problem on saving the buffer raw for the strength of station when running the python codes that I downloaded from ericgibert/supersid.GitHub. The magnitude of the strength that saved in the data path showed 0.00000. Besides, after I clicked the "Save buffer raw", an error will display on the python shell. Please kindly give me some advices solving this problems.
>   Thanks.
>

1581. RE: [Super_SID] Digest Number 571[7 Attachments]

Yahoo group: Super_SID
Date: 2015-03-29 12:15:10 UTC
From: Scl Islam Hawash
Topic: 1536 Message: 1581

Excuse me , Are you check the data figures ?
Are them ok , or what ?
I think it might need to filtration it or some like smoothing !!

-----Original Message-----
From: "Wayne Westlake 24launch@... [Super_SID]" <Super_SID@yahoogroups.com>
Sent: ☐3/☐22/☐2015 5:14 PM
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Subject: Re: [Super_SID] Digest Number 571[7 Attachments]

Greetings Islam and welcome to the group!

Maybe one of our more experienced members can comment on your graphs, but from the pictures you posted my immediate concern is the placement of your antenna.

It looks like it's right next to an air conditioning unit. I can imagine that might generate a LOT of interference.

Also, it looks like your antenna is on the roof, so the next concern is how long is the coaxial cable that goes from the antenna to your SuperSid receiver? You want that wire to be as short as possible or it will also act as an antenna and pick up other interfering signals.

The antenna doesn't need to be on the roof. The low frequency signals it's designed to receive can easily travel through walls, ceilings and floors. A better location for your antenna would be inside, not far from your SuperSid receiver. That would help shorten the length of coaxial cable needed and also extend the life of your antenna keeping it out of the sun and elements. You do still want to keep the antenna away from electrical equipment as much as possible and you might need to try different locations and turning it in a different direction to get the best signals.

Let us know if relocating the antenna helps.

Best regards,

Wayne
Phoenix, AZ

On Sun, Mar 22, 2015 at 2:05 AM, <Super_SID@yahoogroups.com> wrote:

Stanford & SARA SuperSID Group
2 Messages Digest #571 1 Super SID data noise by islam_hawash2205
2 Super SID by islam_hawash2205 Messages
1 Super SID data noise Sat Mar 21, 2015 6:46 pm (PDT) . Posted by: islam_hawash2205 Hi every one
this data of Super SID in Helwan , egypt , Are this data is ok or what?
if it not ok what should i do ??

Attachment(s) from 3 of 3 Photo(s) 2015-02-28.png 2015-02-26.png 2015-02-27.png Reply to sender . Reply to group . Reply via Web Post . All Messages (1) . Top ^ 2 Super SID Sat Mar 21, 2015 6:49 pm (PDT) . Posted by: islam_hawash2205 Hi every one.
i am Islam from Helwan , Egypt.
i study in Space Weather department , faculty of Science at Helwan Univ. in 4th year.
my graduation project is adjust Super SID antenna and receive it's data then use this data to make a new experiments to my Faculty as a laboratory like calculate speed of solar wind .e.t.
but i have one problem , it is that my received data contain a large errors and noise ... it might because of the nearby Metro or it's orientation or any other things ,i couldn't have the reason for this
and i don't know What should i do ? , and are this data Ok or not ?

please help me
thanks
attachments :

Super SID antenna position , and Sample of my received data.

Attachment(s) from 4 of 4 Photo(s) Screenshot (19).png Screenshot (21).png Screenshot (17).png Screenshot (20).png Reply to sender . Reply to group . Reply via Web Post . All Messages (1) . Top ^ Visit Your Group
New Members 4
• Privacy • Unsubscribe • Terms of Use

1582. Re: Fw: [Super_SID] Raspberry Pi for SuperSID

Yahoo group: Super_SID
Date: 2015-03-29 05:36:54 UTC
From: Jack Soon
Topic: 1571 Message: 1582
Attachments: 2 described; binary payloads are missing from this source WARC

Hi,

    This is my .cfg file. The sampling rate of USB sound card that I used is 44100Hz. So I had changed the audio sampling rate to 44100. Thanks

On Sunday, March 29, 2015 9:05 AM, "ericgibert@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

  HelloThe soundcard is not recognize and does not caprure data. Hence the zeroes. the first screen shot indicates a .cfg file with an error.review the .cfv or send it to me for checki g. Follow fhe doc to be sure you have identified the soundcard properly. For the begi ining, better use the viewer=wx option to xee the graphical display.Best regardsEric--
Sent from myMail app for Android
Saturday, 28 March 2015, 01:56pm +08:00 from "Jack Soon jacksoon_94@... [Super_SID]" <Super_SID@yahoogroups.com>:
[Attachment(s) from Jack Soon jacksoon_94@... [Super_SID] included below]
On Saturday, March 28, 2015 1:41 PM, Jack Soon <jacksoon_94@...> wrote:
Dear Eric:
         I am Yean Ling, final year student from the National University of Malaysia. My final year project is developing a portable Supersid system with using Raspberry pi. I have suffering with the problem on saving the buffer raw for the strength of station when running the python codes that I downloaded from ericgibert/supersid.GitHub. The magnitude of the strength that saved in the data path showed 0.00000. Besides, after I clicked the "Save buffer raw", an error will display on the python shell. Please kindly give me some advices solving this problems.
         Thanks.

1583. Re: [Super_SID] Digest Number 571[7 Attachments]

Yahoo group: Super_SID
Date: 2015-03-29 16:07:36 UTC
From: Steve Berl
Topic: 1536 Message: 1583

I agree your data is very noisy. If that air conditioner is active it will generate a lot of electrical noise. Is it possible to move the antenna away from the air conditioner and other electric motors?

On Sunday, March 29, 2015, ScI Islam Hawash islam_hawash2205@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Excuse me , Are you check the data figures ?
> Are them ok , or what ?
> I think it might need to filtration it or some like smoothing !!
> ------------------------------
> From: Wayne Westlake 24launch@... [Super_SID]
> <javascript:_e(%7B%7D,'cvml','Super_SID@yahoogroups.com');>
> Sent: □3/□22/□2015 5:14 PM
> To: Super_SID@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','Super_SID@yahoogroups.com');>
> Subject: Re: [Super_SID] Digest Number 571[7 Attachments]
>
>
>
> Greetings Islam and welcome to the group!
>
> Maybe one of our more experienced members can comment on your graphs, but
> from the pictures you posted my immediate concern is the placement of your
> antenna.
>
> It looks like it's right next to an air conditioning unit. I can imagine
> that might generate a LOT of interference.
>
> Also, it looks like your antenna is on the roof, so the next concern is
> how long is the coaxial cable that goes from the antenna to your SuperSid
> receiver? You want that wire to be as short as possible or it will also
> act as an antenna and pick up other interfering signals.
>
> The antenna doesn't need to be on the roof. The low frequency signals
> it's designed to receive can easily travel through walls, ceilings and
> floors. A better location for your antenna would be inside, not far from
> your SuperSid receiver. That would help shorten the length of coaxial
> cable needed and also extend the life of your antenna keeping it out of the
> sun and elements. You do still want to keep the antenna away from
> electrical equipment as much as possible and you might need to try
> different locations and turning it in a different direction to get the best
> signals.

>
> Let us know if relocating the antenna helps.
>
> Best regards,
>
>
> Wayne
> Phoenix, AZ
>
>
>
> On Sun, Mar 22, 2015 at 2:05 AM, <Super_SID@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','Super_SID@yahoogroups.com');>> wrote:
>
>> [image: Yahoo! Groups]
>> <https://groups.yahoo.com/neo;_ylc=X3oDMTJlYzNqMHY1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQyNzAxNTEyNg-->
>> Stanford & SARA SuperSID Group
>> <https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJlZTR2cDQxBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDaGRyBHNsawNocGgEc3RpbWUDMTQyNzAxNTEyNg-->
>> 2 Messages
>> Digest #571
>> 1
>> Super SID data noise <#14c6577dfe9a7569_14c40badd3f86453_1> by
>> islam_hawash2205
>> 2
>> Super SID <#14c6577dfe9a7569_14c40badd3f86453_2> by islam_hawash2205
>>
>> Messages
>> 1 Super SID data noise
>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1534;_ylc=X3oDMTJydXFtcDU3BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM0BHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzE0MjcwMTUxMjY->
>> Sat Mar 21, 2015 6:46 pm (PDT) . Posted by: islam_hawash2205
>> <javascript:_e(%7B%7D,'cvml','islam_hawash2205@...?subject%5Cx3dRe:+Super+SID+data+noise');>
>> Hi every one
>> this data of Super SID in Helwan , egypt , Are this data is ok or what?
>> if it not ok what should i do ??
>> Attachment(s) from
>> 3 of 3 Photo(s)
>> [image: Image]
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1320942991>
>> 2015-02-28.png
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1320942991>
>> [image: Image]
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>> 2015-02-26.png
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1437775682>

>> [image: Image]
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1826799230>
>> 2015-02-27.png
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1826799230>
>> Reply to sender
>> <javascript:_e(%7B%7D,'cvml','islam_hawash2205@...?subject%5Cx3dRe:+Super+SID+data+noise');>
>> . Reply to group
>> <javascript:_e(%7B%7D,'cvml','Super_SID@yahoogroups.com?subject%5Cx3dRe:+Super+SID+data+noise');>
>> . Reply via Web Post
>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1534;_ylc=X3oDMTJyMWU1bmNnBF9
TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM0BHNlYwNkbXNn
BHNsawNycGx5BHN0aW1lAzE0MjcwMTUxMjY-?act=reply&messageNum=1534>
>> . All Messages (1)
>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1534;_ylc=X3oDMTM2aGZrMXBlBF9TAzk
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sawN2dHBjBHN0aW1lAzE0MjcwMTUxMjYEdHBjSWQDMTUzNA-->
>> . Top ^ <#14c6577dfe9a7569_14c40badd3f86453_toc>
>> 2 Super SID
>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1535;_ylc=X3oDMTJyYXJhdDNzBF9TAzk
3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM1BHNlYwNkbXNnBHN
sawN2bXNnBHN0aW1lAzE0MjcwMTUxMjY->
>> Sat Mar 21, 2015 6:49 pm (PDT) . Posted by: islam_hawash2205
>> <javascript:_e(%7B%7D,'cvml','islam_hawash2205@...?subject%5Cx3dRe:+Super+SID');>
>> Hi every one.
>> i am Islam from Helwan , Egypt.
>> i study in Space Weather department , faculty of Science at Helwan Univ.
>> in 4th year.
>> my graduation project is adjust Super SID antenna and receive it's data
>> then use this data to make a new experiments to my Faculty as a laboratory
>> like calculate speed of solar wind .e.t.
>> but i have one problem , it is that my received data contain a large
>> errors and noise ...
>> it might because of the nearby Metro or it's orientation or any other
>> things ,i couldn't have the reason for this
>> and i don't know What should i do ? , and are this data Ok or not ?
>>
>> please help me
>> thanks
>> attachments :
>>
>> Super SID antenna position , and Sample of my received data.
>>
>>
>> Attachment(s) from
>> 4 of 4 Photo(s)
>> [image: Image]
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=770778210>
>> Screenshot (19).png
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=770778210>

>> [image: Image]
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=1288085903>
>> Screenshot (21).png
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=1288085903>
>> [image: Image]
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=1353103996>
>> Screenshot (17).png
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=1353103996>
>> [image: Image]
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=2010201332>
>> Screenshot (20).png
>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=2010201332>
>> Reply to sender
>> <javascript:_e(%7B%7D,'cvml','islam_hawash2205@yahoo.com?subject%5Cx3dRe:+Super+SID');>
>> . Reply to group
>> <javascript:_e(%7B%7D,'cvml','Super_SID@yahoogroups.com?subject%5Cx3dRe:+Super+SID');>
>> . Reply via Web Post
>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1535;_ylc=X3oDMTJyc2k5dmV1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM1BHNlYwNkbXNnBHNsawNycGx5BHN0aW1lAzE0MjcwMTUxMjY-?act=reply&messageNum=1535>
>> . All Messages (1)
>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1535;_ylc=X3oDMTM2ZDZkdGVjBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM1BHNlYwNkbXNnBHNsawN2dHBjBHN0aW1lAzE0MjcwMTUxMjYEdHBjSWQDMTUzNQ-->
>> . Top ^ <#14c6577dfe9a7569_14c40badd3f86453_toc>
>> Visit Your Group
>> <https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmNmxuMGs3BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzE0MjcwMTUxMjY->
>>
>> - New Members
>> <https://groups.yahoo.com/neo/groups/Super_SID/members/all;_ylc=X3oDMTJnNTdwbmplBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxNDI3MDE1MTI2>
>> 4
>>
>> [image: Yahoo! Groups]
>> <https://groups.yahoo.com/neo;_ylc=X3oDMTJlYzNqMHY1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQyNzAxNTEyNg-->
>> • Privacy <https://info.yahoo.com/privacy/us/yahoo/groups/details.html>
>> • Unsubscribe
>> <javascript:_e(%7B%7D,'cvml','Super_SID-unsubscribe@yahoogroups.com?subject%5Cx3dUnsubscribe');>
>> • Terms of Use <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
>>
>
>
>

--
-steve

1584. Re: [Super_SID] Digest Number 571[7 Attachments]

Yahoo group: Super_SID
Date: 2015-03-29 17:14:56 UTC
From: Steve Berl
Topic: 1536 Message: 1584

Hi Islam,

Next time you have your system turned on a screen shot of the real-time spectrum display would be good to see to help you sort this out.

-steve

On Sun, Mar 29, 2015 at 9:07 AM, Steve Berl <steveberl@...> wrote:

> I agree your data is very noisy. If that air conditioner is active it will
> generate a lot of electrical noise. Is it possible to move the antenna away
> from the air conditioner and other electric motors?
>
>
> On Sunday, March 29, 2015, Scl Islam Hawash islam_hawash2205@...
> [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
>>
>>
>> Excuse me , Are you check the data figures ?
>> Are them ok , or what ?
>> I think it might need to filtration it or some like smoothing !!
>> ----------
>> From: Wayne Westlake 24launch@... [Super_SID]
>> Sent: ☐3/☐22/☐2015 5:14 PM
>> To: Super_SID@yahoogroups.com
>> Subject: Re: [Super_SID] Digest Number 571[7 Attachments]
>>
>>
>>
>> Greetings Islam and welcome to the group!
>>
>> Maybe one of our more experienced members can comment on your graphs, but
>> from the pictures you posted my immediate concern is the placement of your
>> antenna.
>>
>> It looks like it's right next to an air conditioning unit. I can imagine
>> that might generate a LOT of interference.
>>
>> Also, it looks like your antenna is on the roof, so the next concern is
>> how long is the coaxial cable that goes from the antenna to your SuperSid
>> receiver? You want that wire to be as short as possible or it will also
>> act as an antenna and pick up other interfering signals.
>>
>> The antenna doesn't need to be on the roof. The low frequency signals

>> it's designed to receive can easily travel through walls, ceilings and
>> floors. A better location for your antenna would be inside, not far from
>> your SuperSid receiver. That would help shorten the length of coaxial
>> cable needed and also extend the life of your antenna keeping it out of the
>> sun and elements. You do still want to keep the antenna away from
>> electrical equipment as much as possible and you might need to try
>> different locations and turning it in a different direction to get the best
>> signals.
>>
>> Let us know if relocating the antenna helps.
>>
>> Best regards,
>>
>>
>> Wayne
>> Phoenix, AZ
>>
>>
>>
>> On Sun, Mar 22, 2015 at 2:05 AM, <Super_SID@yahoogroups.com> wrote:
>>
>>> [image: Yahoo! Groups]
>>> <https://groups.yahoo.com/neo;_ylc=X3oDMTJlYzNqMHY1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQyNzAxNTEyNg-->
>>> Stanford & SARA SuperSID Group
>>> <https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJlZTR2cDQxBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDaGRyBHNsawNocGgEc3RpbWUDMTQyNzAxNTEyNg-->
>>> 2 Messages
>>> Digest #571
>>> 1
>>> Super SID data noise
>>> <#14c6649d2396516f_14c6577dfe9a7569_14c40badd3f86453_1> by
>>> islam_hawash2205
>>> 2
>>> Super SID <#14c6649d2396516f_14c6577dfe9a7569_14c40badd3f86453_2> by
>>> islam_hawash2205
>>>
>>> Messages
>>> 1 Super SID data noise
>>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1534;_ylc=X3oDMTJydXFtcDU3BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM0BHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzE0MjcwMTUxMjY->
>>> Sat Mar 21, 2015 6:46 pm (PDT) . Posted by: islam_hawash2205
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>>> Attachment(s) from
>>> 3 of 3 Photo(s)

>>> [image: Image]
>>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1320942991>
>>> 2015-02-28.png
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>>> 2015-02-26.png
>>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1437775682>
>>> [image: Image]
>>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1826799230>
>>> 2015-02-27.png
>>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/293782049?itemid=1826799230>
>>> Reply to sender . Reply to group . Reply via Web Post
>>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1534;_ylc=X3oDMTJyMWU1bmNnBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM0BHNlYwNkbXNnBHNsawNycGx5BHN0aW1lAzE0MjcwMTUxMjY-?act=reply&messageNum=1534>
>>> . All Messages (1)
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>>> . Top ^ <#14c6649d2396516f_14c6577dfe9a7569_14c40badd3f86453_toc>
>>> 2 Super SID
>>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1535;_ylc=X3oDMTJyYXJhdDNzBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM1BHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzE0MjcwMTUxMjY->
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>>> i study in Space Weather department , faculty of Science at Helwan Univ.
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>>> my graduation project is adjust Super SID antenna and receive it's data
>>> then use this data to make a new experiments to my Faculty as a laboratory
>>> like calculate speed of solar wind .e.t.
>>> but i have one problem , it is that my received data contain a large
>>> errors and noise ...
>>> it might because of the nearby Metro or it's orientation or any other
>>> things ,i couldn't have the reason for this
>>> and i don't know What should i do ? , and are this data Ok or not ?
>>>
>>> please help me
>>> thanks
>>> attachments :
>>>
>>> Super SID antenna position , and Sample of my received data.
>>>
>>>
>>> Attachment(s) from
>>> 4 of 4 Photo(s)
>>> [image: Image]

>>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=770778210>
>>> Screenshot (19).png
>>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=770778210>
>>> [image: Image]
>>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=1288085903>
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>>> [image: Image]
>>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=1353103996>
>>> Screenshot (17).png
>>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=1353103996>
>>> [image: Image]
>>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=2010201332>
>>> Screenshot (20).png
>>> <https://groups.yahoo.com/neo/groups/Super_SID/attachments/1888859863?itemid=2010201332>
>>> Reply to sender . Reply to group . Reply via Web Post
>>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1535;_ylc=X3oDMTJyc2k5dmV1BF9
TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNTM1BHNlYwNkbXNn
BHNsawNycGx5BHN0aW1lAzE0MjcwMTUxMjY-?act=reply&messageNum=1535>
>>> . All Messages (1)
>>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1535;_ylc=X3oDMTM2ZDZkdGVjBF9TAz
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NsawN2dHBjBHN0aW1lAzE0MjcwMTUxMjYEdHBjSWQDMTUzNQ-->
>>> . Top ^ <#14c6649d2396516f_14c6577dfe9a7569_14c40badd3f86453_toc>
>>> Visit Your Group
>>> <https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmNmxuMGs3BF9TAzk3MzU5NzE1BGdyc
ElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzE0MjcwMTUx
MjY->
>>>
>>> - New Members
>>> <https://groups.yahoo.com/neo/groups/Super_SID/members/all;_ylc=X3oDMTJnNTdwbmplBF9TAzk3MzU5NzE1
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MDE1MTI2>
>>> 4
>>>
>>> [image: Yahoo! Groups]
>>> <https://groups.yahoo.com/neo;_ylc=X3oDMTJlYzNqMHY1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdyc
HNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQyNzAxNTEyNg-->
>>> • Privacy <https://info.yahoo.com/privacy/us/yahoo/groups/details.html>
>>> • Unsubscribe • Terms of Use
>>> <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
>>>
>>
>>
>>
>
>
> --
> -steve

>

--
-steve

1585. Fwd: Re: SDO/HMI Education Report for July-Dec 2014

Yahoo group: Super_SID
Date: 2015-04-02 01:30:02 UTC
From: Deborah Scherrer
Topic: 1585 Message: 1585

One of our colleagues in Malaysia, a professor at the technical Universiti Kebangsaan Malaysia, is working to use a Raspberry Pi to run the SuperSID monitors. Note that she has redesigned the monitor to be a kit that students put together.

I wanted to let you all know that this is happening. Also, would any of you be interested in working with her? If so, her email is below.

Thanks. This looks like a great opportunity!

Debbie

-------- Forwarded Message --------
Subject: Re: SDO/HMI Education Report for July-Dec 2014
Date: Wed, 1 Apr 2015 11:01:19 +0800
From: Mardina Abdullah <mardina@...>
To: Deborah Scherrer <dscherrer@...>

Dear Deborah,

I'm not sure whether I have reply you or not. Anyway thank you for the report.
Now we are improving the kit using Raspberry Pi, considering that not all school have desktop PC.
If this is successful, we're going to give students the modified kits so that they do not rely on the desktop PC.

Best regards,

On 28 January 2015 at 06:39, Deborah Scherrer <dscherrer@... <mailto:dscherrer@...>> wrote:

Attached is the SDO/HMI Education Report for July through December 2014.

Thanks.
Debbie

--
Prof. Ir. Dr. Mardina Abdullah
Head
Space Science Centre (ANGKASA)
Institute of Climate Change
Level 3, Research Complex
Universiti Kebangsaan Malaysia
43600 UKM Bangi, MALAYSIA
Tel: +603-89118032/8033, HP: +60193357071
E-mail: mardina@... <mailto:mardina@...>

1586. Re[2]: SDO/HMI Education Report for July-Dec 2014

Yahoo group: Super_SID
Date: 2015-04-02 12:13:09 UTC
From: ericgibert@...
Topic: 1585 Message: 1586

Hello,
We are neighbours since I live in Singapore... and I have been running Supersod on Raspi for motr than 2 years.
I will be happy to assist!
Eric
--
Sent from myMail app for Android
Thursday, 02 April 2015, 09:30am +08:00 from "Deborah Scherrer dscherrer@solar.stanford.edu [Super_SID]" <Super_SID@yahoogroups.com>:
>One of our colleagues in Malaysia, a professor at the technical
>   Universiti Kebangsaan Malaysia, is working to use a Raspberry Pi to
>   run the SuperSID monitors. Note that she has redesigned the monitor
>   to be a kit that students put together.
>I wanted to let you all know that this is happening. Also, would
>   any of you be interested in working with her? If so, her email is
>   below.
>Thanks. This looks like a great opportunity!
>Debbie
>-------- Forwarded Message --------
>Subject: Re: SDO/HMI Education Report for July-Dec 2014
>Date: Wed, 1 Apr 2015 11:01:19 +0800
>From: Mardina Abdullah <mardina@ukm.edu.my>
>To: Deborah Scherrer <dscherrer@solar.stanford.edu>
>Dear Deborah,
>I'm not sure whether I
>   have reply you or not. Anyway thank you for the report.
>Now we are improving
>   the kit using Raspberry Pi, considering that not all school
>   have desktop PC.
>If this is successful,
>   we're going to give students the modified kits so that they do
>   not rely on the desktop PC.
>Best regards,
>On 28 January 2015 at 06:39, Deborah
>   Scherrer < dscherrer@solar.stanford.edu > wrote:
>>Attached
>   is the SDO/HMI Education Report for July through December
>   2014.
>>
>>Thanks.
>>Debbie
>--
>Prof. Ir.
>   Dr. Mardina Abdullah
>Head

>Space
>   Science Centre (ANGKASA)
>Institute
>   of Climate Change
>Level 3,
>   Research Complex
>Universiti
>   Kebangsaan Malaysia
>43600 UKM
>   Bangi, MALAYSIA
>Tel:
>   +603-89118032/8033, HP: +60193357071
>E-mail: mardina@ukm.edu.my
>

1587. Re: [Super_SID] Re[2]: SDO/HMI Education Report for July-Dec 2014

Yahoo group: Super_SID
Date: 2015-04-02 20:05:01 UTC
From: Deborah Scherrer
Topic: 1585 Message: 1587

Thanks, Eric! I'll relay this information to Mardina.

Debbie

On 4/2/15 5:13 AM, ericgibert@... [Super_SID] wrote:
>
> Hello,
>
> We are neighbours since I live in Singapore... and I have been running
> Supersod on Raspi for motr than 2 years.
>
> I will be happy to assist!
>
> Eric
>
> --
> Sent from myMail app for Android
>
> Thursday, 02 April 2015, 09:30am +08:00 from "Deborah Scherrer
> dscherrer@... [Super_SID]" <Super_SID@yahoogroups.com>:
>
> One of our colleagues in Malaysia, a professor at the technical
> Universiti Kebangsaan Malaysia, is working to use a Raspberry
> Pi to
> run the SuperSID monitors. Note that she has redesigned the
> monitor
> to be a kit that students put together.
> I wanted to let you all know that this is happening. Also, would
> any of you be interested in working with her? If so, her email is
> below.
> Thanks. This looks like a great opportunity!
> Debbie
> -------- Forwarded Message --------
> Subject: Re: SDO/HMI Education Report for July-Dec 2014
> Date: Wed, 1 Apr 2015 11:01:19 +0800
> From: Mardina Abdullah <mardina@...>
> To: Deborah Scherrer <dscherrer@...>
> Dear Deborah,
> I'm not sure whether I
> have reply you or not. Anyway thank you for the report.
> Now we are improving
> the kit using Raspberry Pi, considering that not all school
> have desktop PC.
> If this is successful,
> we're going to give students the modified kits so that

> they do
> not rely on the desktop PC.
> Best regards,
> On 28 January 2015 at 06:39, Deborah
> Scherrer < dscherrer@... > wrote:
> >Attached
> is the SDO/HMI Education Report for July through December
> 2014.
> >
> >Thanks.
> >Debbie
> --
> Prof. Ir.
> Dr. Mardina Abdullah
> Head
> Space
> Science Centre (ANGKASA)
> Institute
> of Climate Change
> Level 3,
> Research Complex
> Universiti
> Kebangsaan Malaysia
> 43600 UKM
> Bangi, MALAYSIA
> Tel:
> +603-89118032/8033, HP: +60193357071
> E-mail: mardina@...
>
>

1588. Re: [Super_SID] Re[2]: SDO/HMI Education Report for July-Dec 2014

Yahoo group: Super_SID
Date: 2015-04-07 10:05:28 UTC
From: kok_beng_gan@...
Topic: 1585 Message: 1588
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Deborah/Eric,

Thank you for your offer to help.

I'm working with my student on running the supersid on RPI and Wolfson sound card. We designed a new PCB so that we can easily insert into the Wolfson sound card. We are still no able to get the Wolfson sound card running on supersid software using pre-compiled image provided by Element 14. We are compiling the wolfson audio card kernel drivers into Raspbian. Will update you if it is working properly.

Now the SID-RPI (RPI+new preamp+USB sound card) is running properly using python code written by Eric in GitHub. We are able to capture signal from NWC station (19.8 KHz). Thank you Eric for sharing this code! It is very handy and helpful.

Now, we encountered one problem that require your kind assistance. Please see attached image. I always got this error: Index Error: list index out of range Data len: 44100. UnboundLocalError: Local variable 'Pxx' referenced before assignment. I'm still able to capture the data, save the hourly data and plot the data.

Looking forward your reply

Thank you
Gan

1589. SuperSid working?

Yahoo group: Super_SID
Date: 2015-04-14 01:08:09 UTC
From: Jack Gross
Topic: 1589 Message: 1589
Attachments: 1 described; binary payloads are missing from this source WARC

Hello again,
I FINALLY got the program to run on the Eee Box.
The attachment is a first light plot of NAA.(4/13/2015) I THINK I see the sunrise, maybe not so much the sunset ... seems like a short daylight plot.Your opinion?
If you think I am on the right track, I'll move the antenna outside.

Jack,KI4DL
Bedford, VA
--
Jack Gross
jack144@...

1590. RE: [Super_SID] SuperSid working? [1 Attachment]

Yahoo group: Super_SID
Date: 2015-04-14 04:10:57 UTC
From: Ciprian Sufitchi
Topic: 1589 Message: 1590
Attachments: 3 described; binary payloads are missing from this source WARC

Jack,

The problem is that usually on Mondays NAA is down for maintenance during the day. This is what you should have received on Apr 13:

http://www.sidruino.com/?d=2015-04-13 (the blue line). It looks like NAA went off around 12 UTC, then back on around 20 UTC. The typical morning feature visible from VA (sharp_max-min-max-min occurs around 10-12 UTC). This is a typical day with a few flares:

http://www.sidruino.com/?d=2015-04-12

I think you should place antenna outside, anyway.

73s de Chip N2YO

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Monday, April 13, 2015 9:08 PM
To: WILLIAM & MELINDA LORD ap_guardian@yahoo.com [Super_SID]
Subject: [Super_SID] SuperSid working? [1 Attachment]

[Attachment(s) from Jack Gross included below]

Hello again,

I FINALLY got the program to run on the Eee Box.

The attachment is a first light plot of NAA.(4/13/2015) I THINK I see the sunrise, maybe not so much the sunset ... seems like a short daylight plot.Your opinion?

If you think I am on the right track, I'll move the antenna outside.

Jack,KI4DL

Bedford, VA

--

Jack Gross
jack144@... <mailto:jack144@...>

1591. Re: [Super_SID] SuperSid working? [1 Attachment]

Yahoo group: Super_SID
Date: 2015-04-14 10:37:15 UTC
From: John Cowlbeck
Topic: 1589 Message: 1591

JackNAA is usually down on Monday for maintenance.
Give me a call if you need help getting your SID system set up.
 John

JohnCowlbeck@...

540-586-8042 Home
540-871-0636 Cell
From: "Jack Gross jack144@gmail.com [Super_SID]" <Super_SID@yahoogroups.com>
To: "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <super_sid@yahoogroups.com>
Sent: Monday, April 13, 2015 9:08 PM
Subject: [Super_SID] SuperSid working? [1 Attachment]

  [Attachment(s) from Jack Gross included below] Hello again, I FINALLY got the program to run on the Eee Box.The attachment is a first light plot of NAA.(4/13/2015) I THINK I see the sunrise, maybe not so much the sunset ... seems like a short daylight plot.Your opinion?   If you think I am on the right track, I'll move the antenna outside.
Jack,KI4DLBedford, VA--
Jack Gross
jack144@...

1592. Re: [Super_SID] SuperSid working?

Yahoo group: Super_SID
Date: 2015-04-14 13:49:15 UTC
From: Jack Gross
Topic: 1589 Message: 1592

Thanks Chip,
Looks like I have a problem.
Jack

Sent from my iPad

> On Apr 14, 2015, at 12:10 AM, 'Ciprian Sufitchi' ciprian@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>
> Jack,
>
>
>
> The problem is that usually on Mondays NAA is down for maintenance during the day. This
is what you should have received on Apr 13:
>
> http://www.sidruino.com/?d=2015-04-13 (the blue line). It looks like NAA went off around
12 UTC, then back on around 20 UTC. The typical morning feature visible from VA
(sharp_max-min-max-min occurs around 10-12 UTC). This is a typical day with a few flares:
>
> http://www.sidruino.com/?d=2015-04-12
>
> I think you should place antenna outside, anyway.
>
>
>
> 73s de Chip N2YO
>
>
>
>
>
> From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> Sent: Monday, April 13, 2015 9:08 PM
> To: WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]
> Subject: [Super_SID] SuperSid working? [1 Attachment]
>
>
>
>
>
>
> [Attachment(s) from Jack Gross included below]
>
> Hello again,
>

> I FINALLY got the program to run on the Eee Box.
>
> The attachment is a first light plot of NAA.(4/13/2015) I THINK I see the sunrise, maybe not so much the sunset ... seems like a short daylight plot.Your opinion?
>
> If you think I am on the right track, I'll move the antenna outside.
>
>
>
> Jack,KI4DL
>
> Bedford, VA
>
> --
>
> Jack Gross
> jack144@...
>
>
>

1593. Super sid plot

Yahoo group: Super_SID
Date: 2015-04-14 17:13:33 UTC
From: ede2011008@...
Topic: 1593 Message: 1593

hi (all)

Anybody kindly upload the readings of NAA and NLK on 6th March 2015.

Regards
Gom Dorji
Bhutan

1594. Re: [Super_SID] Super sid plot

Yahoo group: Super_SID
Date: 2015-04-14 19:09:34 UTC
From: WILLIAM & MELINDA LORD
Topic: 1593 Message: 1594

Hello,
Can can go to Stanford's site and look at top, middle of the page you can click on "View Data by Date" and select the date you want to see. Not all of the data is good, some have too much radio frequency noise (RF) and are not able to see SID's SID Data Access

| |
| | | | | |
| SID Data AccessDon't Display Monitor Sunrise and Sunsets (Colored Arrows) Don't Display Station Sunrise and Sunsets (Black Arrows) |
| |
| View on sid.stanford.edu | Preview by Yahoo |
| |
| |

 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ede2011008@...m [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, April 14, 2015 12:13 PM
Subject: [Super_SID] Super sid plot

  hi (all)

Anybody kindly upload the readings of NAA and NLK on 6th March 2015.

Regards
Gom Dorji
Bhutan

1595. Need your suggestions on heliophysics

Yahoo group: Super_SID
Date: 2015-04-15 06:18:25 UTC
From: Divyadarshan Purohit
Topic: 1595 Message: 1595
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Friends ,

We are constructing a Sun temple in India which will correlate Ancient Solar Mythology with current heliophysics & many more.

You could see my article on the subject in pdf attachment. ISWI has also published the same in their current "ISWI Newsletter - Vol. 7 No. 008 15 April 2015" as per my request. You can directly access the same at http://files.mail-list.com/m/iswinewsletter/sun_temple.pdf <http://files.mail-list.com/m/iswinewsletter/sun_temple.pdf> .

I would be highly grateful if you could send your incredible suggestions to improve our theme which is shown in article.

with best regards,

DDPurohit & Team

*-- *

Divyadarshan D.PurohitGurudev Observatory,VadodaraIndia
http://www.gurudevobservatory.co.in/
https://www.flickr.com/photos/gurudevobservatory/sets/

1596. RE: [Super_SID] Need your suggestions on heliophysics [1 Attachment]

Yahoo group: Super_SID
Date: 2015-04-15 17:33:02 UTC
From: Edmund Harfmann
Topic: 1595 Message: 1596

Hello,

I'll point out some of the obvious technical resources. (Given some of the language in your PDF, I assume you know of these, but just pointing out the obvious.)

1) http://www.spaceweather.com/ - This site contains a lot of current information about the Sun and it's conditions as well as space weather.

2) http://sohowww.nascom.nasa.gov/ - This aging satellite is still going strong and provides great images of the sun.

3) http://stereo.gsfc.nasa.gov/ - This new(ish) pair of satellites provides coverage of virtually the entire surface of the sun.

Now with those available, I would wonder about a series of displays:

1) Space weather and why it is so important to all of us on Earth:

· Satellites

· Power systems on Earth

· Communications

· A SuperSID display - http://www.radio-astronomy.org/node/210

· History of CMEs and what they can do. (http://en.wikipedia.org/wiki/Solar_storm_of_1859)

All of these are simple static displays with the exception of SID which could be a live display.

2) 'Live' display of the sun

· Solar scope - White light, H-Alpha are two ways to observe. I'll (obviously) recommend that you work with a local visual astronomy group to setup a solar scope. Directly viewing the Sun without the correct filters is an extraordinarily bad idea. Someone who knows how to observe safely is a must. Staring at the Sun WILL damage your eyesight. Even short viewings should be considered dangerous... at least in my opinion for a public/outreach environment. The if/ands/buts to view without filters does not stay with a group of school kids. I will ask that you not perpetuate the myth about Galileo going blind though solar observing... http://www-rohan.sdsu.edu/~aty/vision/Galileo.html. He did know how to observe safely and did for a number of years.

· Feed from SOHO/STEREO to a monitor that pulls every 15 minutes or so. (You'd need to check the actual pull rate for the images.) What would be a really great display is to project on the inside of a translucent globe the images of STEREO A and STEREO B so people could see the current image of the Sun in 3D.

· Setup an analemma to show the passage of time and how the suns path varies throughout the year. (http://en.wikipedia.org/wiki/Analemma) This is simple, requires no technology other than a 'stick' and markings.

· Itty Bitty Radio Telescope - http://www.gb.nrao.edu/epo/ibt.shtml. Show that the Sun is a blackbody and radiates energy in more than visible and infrared.

That should give you a good starting point for some of the science. (Possibly more than you can afford to do.)

Ok, next... what have I forgotten?

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, April 15, 2015 2:18 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Need your suggestions on heliophysics [1 Attachment]

[Attachment(s) from Divyadarshan Purohit divyadarshan63@gmail.com [Super_SID] included below]

Dear Friends ,

We are constructing a Sun temple in India which will correlate Ancient Solar Mythology with current heliophysics & many more.

You could see my article on the subject in pdf attachment. ISWI has also published the same in their current "ISWI Newsletter - Vol. 7 No. 008 15 April 2015" as per my request. You can directly access the same at http://files.mail-list.com/m/iswinewsletter/sun_temple.pdf .

I would be highly grateful if you could send your incredible suggestions to improve our theme which is shown in article.

with best regards,

DDPurohit & Team

--

Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India

http://www.gurudevobservatory.co.in/

https://www.flickr.com/photos/gurudevobservatory/sets/

1597. Re: [Super_SID] Need your suggestions on heliophysics

Yahoo group: Super_SID
Date: 2015-04-16 13:54:55 UTC
From: edharfmann@...
Topic: 1595 Message: 1597

Part 1: Solar telescopes are available from many reputable manufactures.

White Light telescopes (generally) use a regular telescope with a white light filter at the front of the telescope. Two manufactures that pop to my mind are Baader (http://www.telescopes.com/telescope-accessories/filters/baadersolarfilters.cfm) and Thousand Oaks (http://www.thousandoaksoptical.com/). Baader I think of as a thin film which gets mounted onto a holder to mount in front of an existing telescope. Thousand Oaks I think of as providing glass filters mounted onto a holder to mount to the front of the scope. (I think both of these make both kinds of filters – glass/thin film and a few other forms as well. Each has its advantages and disadvantages.) Conceivably, such a telescope could be setup for outreach for between about $400 to… well as with anything as much as you could ever spend for both the telescope and the filter.

H-Alpha is more expensive than white-light solar scopes as the filter required to get just the H-Alpha line is rather expensive to make. Other than that filter, H-Alpha telescopes are very easy to make. Two of the prominent manufactures are Coronado (bought by Meade a few years ago) http://www.meade.com/products/coronado.html/ and Lunt http://luntsolarsystems.com/ . In my opinion, both of these provide excellent products. There are other manufactures as well. These scopes start at about $700 and go up in price very quickly.

For both of these, I urge you to get a local visual astronomy group to help. Even if they do not have solar experience, they will know at least the correct questions to ask. Solar observing is very rewarding, but mistakes can be costly and permanent. Yes I am overly cautious as a trait, but this one area where that caution is justified. As a demonstration with a white-light telescope, we take the filter off and set paper, wood or other things on fire to demonstrate this is not something to be trifled with. (Sometimes we use flash paper for effect. http://www.dreamlandmagic.com/flash-paper.html)

Part 2: Projection of the image onto a globe

Have I done this? No, this is just an idea. You might want to contact a local university for help in designing and building such a device. (Unless someone else on the list knows of someone who has actually built something like this.) Conceptually: Start with a flat piece of plastic which is translucent. If you take an ordinary LCD projector and project onto one side, you can see the image on the other side since some of the light will travel through the plastic. This is the basic starting idea. Now, if you take that plastic and form a sphere with it and use 2 projectors – one for the top and one for the bottom half, your projectors could illuminate the entire globe. How to get the optics correct, the computer program to get the images and piece them together, construct this is way beyond e-mail (and frankly more than a bit above my abilities as well). This was just an idea.

Another thought – Again this is way beyond my abilities and is probably very impractical – is to use a persistence of vision sort of display. (For example: http://www.highpants.net/the-amazing-persistence-of-vision-leds-and-led-cubes-led-displays-with-a-techno-beat/) The idea behind this is that the eye sees things change relatively slowly. If you have a

light moving in a circle and have it generate a repeating pattern, the eye will see the whole pattern rather than the light flickering on and off. To make this reasonable, you would need a LOT of LEDs to get a high enough resolution and a lot of processing power to get this to work reasonable. Again, sounds like something a university might want to play with.

Part 2B: Projection of the live image onto a screen

This is easy and has been done for years. Take a solar scope above and instead of an eyepiece to view directly, put a camera onto it. The output of the camera can then be displayed is whatever fashion you with. The camera may be a computer camera. Alternately, the camera might just be a ‘regular’ camera that you could plug into an existing TV/Monitor.

There is an eyepiece projection method which works very well, but I wouldn't use it for a public/outreach event as that needs constant supervision for safety reasons. (It also is very hard on the equipment. Lens crack and mirrors oxidize very quickly.)

Ed

----- Original Message -----

From: "Divyadarshan Purohit" <divyadarshan63@...>
To: edharfmann@..., "super_sid" <Super_SID@yahoogroups.com>
Sent: Thursday, April 16, 2015 1:13:12 AM
Subject: Re: [Super_SID] Need your suggestions on heliophysics

Dear Edmund Harfmann,

Thanks a lot for very useful information,links & know how,it will be very much helpful to improve our theme.
Actually we are using Radio Jove,super sid & many more for last 6 years with some other infrastructures in our three observatories but we were in need of some more information which you have given in very attractive manner.

I would be grateful if you could let me know about ..

(1) some more details about solar scope &
(2) some details about yours wonderful suggestion for projection of solar images inside of a translucent globe .It is new for me so kindly let me have some technical details.

I am sure you will guide us in future also.
best regards,
DDPurohit & team

1598. Re: [Super_SID] Need your suggestions on heliophysics

Yahoo group: Super_SID
Date: 2015-04-16 05:13:12 UTC
From: Divyadarshan Purohit
Topic: 1595 Message: 1598

Dear Edmund Harfmann,

Thanks a lot for very useful information,links & know how,it will be very much helpful to improve our theme.
Actually we are using Radio Jove,super sid & many more for last 6 years with some other infrastructures in our three observatories but we were in need of some more information which you have given in very attractive manner.

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(1) some more details about solar scope &
(2) some details about yours wonderful suggestion for projection of solar images inside of a translucent globe .It is new for me so kindly let me have some technical details.

I am sure you will guide us in future also.
best regards,
DDPurohit & team

On Wed, Apr 15, 2015 at 11:03 PM, 'Edmund Harfmann' edharfmann@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Hello,
>
>
>
> I'll point out some of the obvious technical resources. (Given some of
> the language in your PDF, I assume you know of these, but just pointing out
> the obvious.)
>
> 1) http://www.spaceweather.com/ - This site contains a lot of current
> information about the Sun and it's conditions as well as space weather.
>
> 2) http://sohowww.nascom.nasa.gov/ - This aging satellite is still going
> strong and provides great images of the sun.
>
> 3) http://stereo.gsfc.nasa.gov/ - This new(ish) pair of satellites
> provides coverage of virtually the entire surface of the sun.
>
>
>
> Now with those available, I would wonder about a series of displays:
>

> 1) Space weather and why it is so important to all of us on Earth:
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> · Satellites
>
> · Power systems on Earth

>
> · Communications
>
> · A SuperSID display - http://www.radio-astronomy.org/node/210
>
> · History of CMEs and what they can do. (
> http://en.wikipedia.org/wiki/Solar_storm_of_1859)
>
> All of these are simple static displays with the exception of SID which
> could be a live display.
>
>
>
> 2) 'Live' display of the sun
>
> · Solar scope - White light, H-Alpha are two ways to observe.
> I'll (obviously) recommend that you work with a local visual astronomy
> group to setup a solar scope. Directly viewing the Sun without the correct
> filters is an extraordinarily bad idea. Someone who knows how to observe
> safely is a must. Staring at the Sun WILL damage your eyesight. Even
> short viewings should be considered dangerous... at least in my opinion for
> a public/outreach environment. The if/ands/buts to view without filters
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> perpetuate the myth about Galileo going blind though solar observing...
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> observe safely and did for a number of years.
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> or so. (You'd need to check the actual pull rate for the images.) What
> would be a really great display is to project on the inside of a
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> path varies throughout the year. (http://en.wikipedia.org/wiki/Analemma)
> This is simple, requires no technology other than a 'stick' and markings.
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> · Itty Bitty Radio Telescope -
> http://www.gb.nrao.edu/epo/ibt.shtml. Show that the Sun is a blackbody
> and radiates energy in more than visible and infrared.
>
>
>
> That should give you a good starting point for some of the science.

> (Possibly more than you can afford to do.)
>
>
>
> Ok, next... what have I forgotten?
>
>
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Wednesday, April 15, 2015 2:18 AM
> *To:* Super_SID@yahoogroups.com
> *Subject:* [Super_SID] Need your suggestions on heliophysics [1
> Attachment]
>
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>

> *[Attachment(s) <#14cbe2dee53d8b61_TopText> from Divyadarshan Purohit
> divyadarshan63@... <divyadarshan63@...> [Super_SID] included
> below]*
>
> *Dear Friends ,*
>
>
>
> *We are constructing a Sun temple in India which will correlate Ancient
> Solar Mythology with current heliophysics & many more.*
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> *You could see my article on the subject in pdf attachment. ISWI has also
> published the same in their current "**ISWI Newsletter - Vol. 7 No. 008
> 15 April 2015" as per my request. You can directly access the
> same at **http://files.mail-list.com/m/iswinewsletter/sun_temple.pdf
> <http://files.mail-list.com/m/iswinewsletter/sun_temple.pdf>** .*
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> *I would be highly grateful if you could send your incredible suggestions
> to improve our theme which is shown in article.*
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> *with best regards,*
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>
> *DDPurohit & Team*
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>
> *Divyadarshan D.PurohitGurudev Observatory,VadodaraIndia*
>
> http://www.gurudevobservatory.co.in/
>
> https://www.flickr.com/photos/gurudevobservatory/sets/
>
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>

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Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
http://www.gurudevobservatory.co.in/
https://www.flickr.com/photos/gurudevobservatory/sets/

1599. Re: [Super_SID] Need your suggestions on heliophysics

Yahoo group: Super_SID
Date: 2015-04-16 18:52:35 UTC
From: Steve Berl
Topic: 1595 Message: 1599

Ed,

Your projecting on a globe ideas sounds a lot like "Science On A Sphere", which is really cool. http://sos.noaa.gov/What_is_SOS/index.html

-steve

On Thu, Apr 16, 2015 at 6:54 AM, edharfmann@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Part 1: Solar telescopes are available from many reputable manufactures.
>
>
>
> White Light telescopes (generally) use a regular telescope with a white
> light filter at the front of the telescope. Two manufactures that pop to my
> mind are Baader (
> http://www.telescopes.com/telescope-accessories/filters/baadersolarfilters.cfm)
> and Thousand Oaks (http://www.thousandoaksoptical.com/). Baader I think
> of as a thin film which gets mounted onto a holder to mount in front of an
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> these make both kinds of filters – glass/thin film and a few other forms as
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> with anything as much as you could ever spend for both the telescope and
> the filter.
>
>
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> H-Alpha is more expensive than white-light solar scopes as the filter
> required to get just the H-Alpha line is rather expensive to make. Other
> than that filter, H-Alpha telescopes are very easy to make. Two of the
> prominent manufactures are Coronado (bought by Meade a few years ago)
> http://www.meade.com/products/coronado.html/ and Lunt
> http://luntsolarsystems.com/. In my opinion, both of these provide
> excellent products. There are other manufactures as well. These scopes
> start at about $700 and go up in price very quickly.
>
>
>
> For both of these, I urge you to get a local visual astronomy group to
> help. Even if they do not have solar experience, they will know at least
> the correct questions to ask. Solar observing is very rewarding, but

> mistakes can be costly and permanent. Yes I am overly cautious as a trait,
> but this one area where that caution is justified. As a demonstration with
> a white-light telescope, we take the filter off and set paper, wood or
> other things on fire to demonstrate this is not something to be trifled
> with. (Sometimes we use flash paper for effect.
> http://www.dreamlandmagic.com/flash-paper.html)
>
>
>
> Part 2: Projection of the image onto a globe
>
> Have I done this? No, this is just an idea. You might want to contact a
> local university for help in designing and building such a device. (Unless
> someone else on the list knows of someone who has actually built something
> like this.) Conceptually: Start with a flat piece of plastic which is
> translucent. If you take an ordinary LCD projector and project onto one
> side, you can see the image on the other side since some of the light will
> travel through the plastic. This is the basic starting idea. Now, if you
> take that plastic and form a sphere with it and use 2 projectors – one for
> the top and one for the bottom half, your projectors could illuminate the
> entire globe. How to get the optics correct, the computer program to get
> the images and piece them together, construct this is way beyond e-mail
> (and frankly more than a bit above my abilities as well). This was just an
> idea.
>
>
>
> Another thought – Again this is way beyond my abilities and is probably
> very impractical – is to use a persistence of vision sort of display. (For
> example:
> http://www.highpants.net/the-amazing-persistence-of-vision-leds-and-led-cubes-led-displa
ys-with-a-techno-beat/)
> The idea behind this is that the eye sees things change relatively slowly.
> If you have a light moving in a circle and have it generate a repeating
> pattern, the eye will see the whole pattern rather than the light
> flickering on and off. To make this reasonable, you would need a LOT of
> LEDs to get a high enough resolution and a lot of processing power to get
> this to work reasonable. Again, sounds like something a university might
> want to play with.
>
>
>
> Part 2B: Projection of the live image onto a screen
>
> This is easy and has been done for years. Take a solar scope above and
> instead of an eyepiece to view directly, put a camera onto it. The output
> of the camera can then be displayed is whatever fashion you with. The
> camera may be a computer camera. Alternately, the camera might just be a
> ‘regular’ camera that you could plug into an existing TV/Monitor.
>

>
>
> There is an eyepiece projection method which works very well, but I
> wouldn't use it for a public/outreach event as that needs constant
> supervision for safety reasons. (It also is very hard on the equipment.
> Lens crack and mirrors oxidize very quickly.)
>
>
>
> Ed
>
>
>
> ------------------------------
> *From: *"Divyadarshan Purohit" <divyadarshan63@...>
> *To: *edharfmann@..., "super_sid" <Super_SID@yahoogroups.com>
> *Sent: *Thursday, April 16, 2015 1:13:12 AM
> *Subject: *Re: [Super_SID] Need your suggestions on heliophysics
>
> Dear Edmund Harfmann,
>
> Thanks a lot for very useful information,links & know how,it will be very
> much helpful to improve our theme.
> Actually we are using Radio Jove,super sid & many more for last 6 years
> with some other infrastructures in our three observatories but we were in
> need of some more information which you have given in very attractive
> manner.
>
> I would be grateful if you could let me know about ..
>
> (1) some more details about solar scope &
> (2) some details about yours wonderful suggestion for projection of
> solar images inside of a translucent globe .It is new for me so kindly let
> me have some technical details.
>
> I am sure you will guide us in future also.
> best regards,
> DDPurohit & team
>
>
>

--
-steve

1600. RE: [Super_SID] Need your suggestions on heliophysics

Yahoo group: Super_SID
Date: 2015-04-16 21:58:51 UTC
From: Edmund Harfmann
Topic: 1595 Message: 1600

Knew I'd seen it but couldn't remember where. Thanks.

Ed

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Thursday, April 16, 2015 2:53 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Need your suggestions on heliophysics

Ed,

Your projecting on a globe ideas sounds a lot like "Science On A Sphere", which is really cool. http://sos.noaa.gov/What_is_SOS/index.html

-steve

On Thu, Apr 16, 2015 at 6:54 AM, edharfmann@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Part 1: Solar telescopes are available from many reputable manufactures.

White Light telescopes (generally) use a regular telescope with a white light filter at the front of the telescope. Two manufactures that pop to my mind are Baader (http://www.telescopes.com/telescope-accessories/filters/baadersolarfilters.cfm) and Thousand Oaks (http://www.thousandoaksoptical.com/). Baader I think of as a thin film which gets mounted onto a holder to mount in front of an existing telescope. Thousand Oaks I think of as providing glass filters mounted onto a holder to mount to the front of the scope. (I think both of these make both kinds of filters – glass/thin film and a few other forms as well. Each has its advantages and disadvantages.) Conceivably, such a telescope could be setup for outreach for between about $400 to… well as with anything as much as you could ever spend for both the telescope and the filter.

H-Alpha is more expensive than white-light solar scopes as the filter required to get just the H-Alpha line is rather expensive to make. Other than that filter, H-Alpha telescopes are very easy to make. Two of the prominent manufactures are Coronado (bought by Meade a few years ago) http://www.meade.com/products/coronado.html/ and Lunt http://luntsolarsystems.com/. In my opinion, both of these provide excellent products. There are other manufactures as well. These scopes start at about $700 and go up in price very quickly.

For both of these, I urge you to get a local visual astronomy group to help. Even if they do not have solar experience, they will know at least the correct questions to ask. Solar observing is very rewarding, but mistakes can be costly and permanent. Yes I am overly cautious as a trait, but this one area where that caution is justified. As a demonstration with a white-light telescope, we take the filter off and set paper, wood or other things on fire to demonstrate this is not something to be trifled with. (Sometimes we use flash paper for effect. http://www.dreamlandmagic.com/flash-paper.html)

Part 2: Projection of the image onto a globe

Have I done this? No, this is just an idea. You might want to contact a local university for help in designing and building such a device. (Unless someone else on the list knows of someone who has actually built something like this.) Conceptually: Start with a flat piece of plastic which is translucent. If you take an ordinary LCD projector and project onto one side, you can see the image on the other side since some of the light will travel through the plastic. This is the basic starting idea. Now, if you take that plastic and form a sphere with it and use 2 projectors – one for the top and one for the bottom half, your projectors could illuminate the entire globe. How to get the optics correct, the computer program to get the images and piece them together, construct this is way beyond e-mail (and frankly more than a bit above my abilities as well). This was just an idea.

Another thought – Again this is way beyond my abilities and is probably very impractical – is to use a persistence of vision sort of display. (For example: http://www.highpants.net/the-amazing-persistence-of-vision-leds-and-led-cubes-led-displays-with-a-techno-beat/) The idea behind this is that the eye sees things change relatively slowly. If you have a light moving in a circle and have it generate a repeating pattern, the eye will see the whole pattern rather than the light flickering on and off. To make this reasonable, you would need a LOT of LEDs to get a high enough resolution and a lot of processing power to get this to work reasonable. Again, sounds like something a university might want to play with.

Part 2B: Projection of the live image onto a screen

This is easy and has been done for years. Take a solar scope above and instead of an eyepiece to view directly, put a camera onto it. The output of the camera can then be displayed is whatever fashion you with. The camera may be a computer camera. Alternately, the camera might just be a ‘regular’ camera that you could plug into an existing TV/Monitor.

There is an eyepiece projection method which works very well, but I wouldn't use it for a public/outreach event as that needs constant supervision for safety reasons. (It also is very hard on the equipment. Lens crack and mirrors oxidize very quickly.)

Ed

From: "Divyadarshan Purohit" <divyadarshan63@...>
To: edharfmann@..., "super_sid" <Super_SID@yahoogroups.com>
Sent: Thursday, April 16, 2015 1:13:12 AM
Subject: Re: [Super_SID] Need your suggestions on heliophysics

Dear Edmund Harfmann,

Thanks a lot for very useful information,links & know how,it will be very much helpful to improve our theme.

Actually we are using Radio Jove,super sid & many more for last 6 years with some other infrastructures in our three observatories but we were in need of some more information which you have given in very attractive manner.

I would be grateful if you could let me know about ..

(1) some more details about solar scope &

(2) some details about yours wonderful suggestion for projection of solar images inside of a translucent globe .It is new for me so kindly let me have some technical details.

I am sure you will guide us in future also.

best regards,

DDPurohit & team

--

-steve

1601. Re: [Super_SID] Super sid plot

Yahoo group: Super_SID
Date: 2015-04-18 10:48:59 UTC
From: Gom Dorji
Topic: 1593 Message: 1601
Attachments: 5 described; binary payloads are missing from this source WARC

Please kindly interpret my sid data with GOES. Attached here is my data record for march 6, 7& 8Our Site name:- CST_BMonitor ID= 0492UTC offset =+06:00hour

On Tuesday, April 14, 2015 12:09 PM, "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

  Hello,
Can can go to Stanford's site and look at top, middle of the page you can click on "View Data by Date" and select the date you want to see. Not all of the data is good, some have too much radio frequency noise (RF) and are not able to see SID's SID Data Access

| |
| | | | | |
| SID Data AccessDon't Display Monitor Sunrise and Sunsets (Colored Arrows) Don't Display Station Sunrise and Sunsets (Black Arrows) |
| |
| View on sid.stanford.edu | Preview by Yahoo |
| |
| |

 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ede2011008@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, April 14, 2015 12:13 PM
Subject: [Super_SID] Super sid plot

  hi (all)

Anybody kindly upload the readings of NAA and NLK on 6th March 2015.

Regards
Gom Dorji
Bhutan

1602. need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-22 23:35:23 UTC
From: Deborah Scherrer
Topic: 1602 Message: 1602

Scott Winegarden, Steve Berl, and I have been working on incorporating quality information into the SID data files. Steve will tell you more about that later. And, we have found over the years that we absolutely NEED an additional keyword in the SID configuration file:
#Contact = username@... <or phone, or whatever>

This is the primary way we have to reach people who send in data, and it's critical to reach people who send it either bad data or data with missing information. So, Keith, would it be easy to update the config file in the distribution to include this? We would also need to change the manual a bit, but I think only a few sentences need be added.

Is this reasonable and doable?

Thanks.
Debbie

1603. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-23 13:20:08 UTC
From: Eric Gibert
Topic: 1602 Message: 1603

Dear Debbie,

The Contact entry exists in the .cfg file but is optional. I changed it to be mandatory in https://github.com/ericgibert/supersid .

For your information, I am adapting the application to use Tkinter (standard Python graphic library) as an alternative to wxPython. This has 2 advantages: removing an extra dependency and getting the application fully Python 3 compliant.

Best regards,

Eric

On 04/23/2015 07:35 AM, Deborah Scherrer dscherrer@...
[Super_SID] wrote:
>
> Scott Winegarden, Steve Berl, and I have been working on incorporating
> quality information into the SID data files. Steve will tell you more
> about that later. And, we have found over the years that we
> absolutely NEED an additional keyword in the SID configuration file:
> #Contact = username@... <or phone, or whatever>
>
> This is the primary way we have to reach people who send in data, and
> it's critical to reach people who send it either bad data or data with
> missing information. So, Keith, would it be easy to update the config
> file in the distribution to include this? We would also need to change
> the manual a bit, but I think only a few sentences need be added.
>
> Is this reasonable and doable?
>
> Thanks.
> Debbie
>
>

1604. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-23 15:30:26 UTC
From: Gom Dorji
Topic: 1602 Message: 1604

Anyone, kindly help me in uploading Supersid data plot.
Regards,Gom Dorji

On Thursday, April 23, 2015 6:20 AM, "Eric Gibert ericgibert@yahoo.fr [Super_SID]" <Super_SID@yahoogroups.com> wrote:

  Dear Debbie,

The Contact entry exists in the .cfg file but is optional. I changed it to be mandatory in https://github.com/ericgibert/supersid .

For your information, I am adapting the application to use Tkinter (standard Python graphic library) as an alternative to wxPython. This has 2 advantages: removing an extra dependency and getting the application fully Python 3 compliant.

Best regards,

Eric

On 04/23/2015 07:35 AM, Deborah Scherrer dscherrer@... [Super_SID] wrote:

  Scott Winegarden, Steve Berl, and I have been working on incorporating quality information into the SID data files. Steve will tell you more about that later. And, we have found over the years that we absolutely NEED an additional keyword in the SID configuration file:
#Contact = username@... <or phone, or whatever>

This is the primary way we have to reach people who send in data, and it's critical to reach people who send it either bad data or data with missing information. So, Keith, would it be easy to update the config file in the distribution to include this? We would also need to change the manual a bit, but I think only a few sentences need be added.

Is this reasonable and doable?

Thanks.
Debbie

1605. Re: need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-23 16:17:39 UTC
From: Deborah Scherrer
Topic: 1602 Message: 1605

Jaap, where are we with an updated SuperSID distribution?

Debbie

On 4/23/15 9:08 AM, Keith Payea wrote:
> Hi Debbie:
>
> It's easy enough to update the supersid.cfg file and the manual on all future CDs I send out. If there are going to be other changes, we might want to bundle them all together and call it version 1.2 or something like that.
>
> Keith
>
> -----Original Message-----
> From: Deborah Scherrer [mailto:dscherrer@...]
> Sent: Wednesday, April 22, 2015 16:35
> To: Super_SID@yahoogroups.com; Jaap Akkerhuis; supersid
> Subject: need a quick change to the SuperSID Distribution
>
> Scott Winegarden, Steve Berl, and I have been working on incorporating quality information into the SID data files. Steve will tell you more
> about that later. And, we have found over the years that we
> absolutely NEED an additional keyword in the SID configuration file:
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> This is the primary way we have to reach people who send in data, and it's critical to reach people who send it either bad data or data with
> missing information. So, Keith, would it be easy to update the config
> file in the distribution to include this? We would also need to change the manual a bit, but I think only a few sentences need be added.
>
> Is this reasonable and doable?
>
> Thanks.
> Debbie
>

1606. QUESTION OF HOW TO IMPROVE SIGNAL QUALITY

Yahoo group: Super_SID
Date: 2015-04-23 15:53:24 UTC
From: Michael Stephanou
Topic: 1606 Message: 1606

Hello everybody

The previous setup of my antenna was: hexagonal / 2 meter diameter / 26 loops of 0.8 mm wire.
This setup placed in an urban environment created a lot of noise so I decided to change it by constructing a small hex antenna 1.60 meters / 29 loops/ 0.5 mm wire. At the same time I shortened the connecting cable as much as possible.
The edge of the antenna points to DHO as accurately as possible (direction obtained through google earth).
The quality of the data with this new setup from DHO improved to [8]. The data obtained from the second station I am monitoring is better than before (25).
Any idea how I could further reduce noise and improve the data quality?
Thanks
Michael.

1607. Re: [Super_SID] Need your suggestions on heliophysics

Yahoo group: Super_SID
Date: 2015-04-17 05:05:24 UTC
From: Divyadarshan Purohit
Topic: 1595 Message: 1607

Dear Steve,

Thanks for wonderful site.I thinks it might be useful to create 3d Sun .I
will contact the manager.
best regards,
DDPurohit

On Fri, Apr 17, 2015 at 12:22 AM, Steve Berl steveberl@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Ed,
>
> Your projecting on a globe ideas sounds a lot like "Science On A Sphere",
> which is really cool. http://sos.noaa.gov/What_is_SOS/index.html
>
> -steve
>
> On Thu, Apr 16, 2015 at 6:54 AM, edharfmann@... [Super_SID] <
> Super_SID@yahoogroups.com> wrote:
>
>>
>>
>> Part 1: Solar telescopes are available from many reputable manufactures.
>>
>>
>>
>> White Light telescopes (generally) use a regular telescope with a white
>> light filter at the front of the telescope. Two manufactures that pop to my
>> mind are Baader (
>> http://www.telescopes.com/telescope-accessories/filters/baadersolarfilters.cfm)
>> and Thousand Oaks (http://www.thousandoaksoptical.com/). Baader I think
>> of as a thin film which gets mounted onto a holder to mount in front of an
>> existing telescope. Thousand Oaks I think of as providing glass filters
>> mounted onto a holder to mount to the front of the scope. (I think both of
>> these make both kinds of filters - glass/thin film and a few other forms as
>> well. Each has its advantages and disadvantages.) Conceivably, such a
>> telescope could be setup for outreach for between about $400 to... well as
>> with anything as much as you could ever spend for both the telescope and
>> the filter.
>>
>>
>>
>> H-Alpha is more expensive than white-light solar scopes as the filter
>> required to get just the H-Alpha line is rather expensive to make. Other

>> than that filter, H-Alpha telescopes are very easy to make. Two of the
>> prominent manufactures are Coronado (bought by Meade a few years ago)
>> http://www.meade.com/products/coronado.html/ and Lunt
>> http://luntsolarsystems.com/. In my opinion, both of these provide
>> excellent products. There are other manufactures as well. These scopes
>> start at about $700 and go up in price very quickly.
>>
>>
>>
>> For both of these, I urge you to get a local visual astronomy group to
>> help. Even if they do not have solar experience, they will know at least
>> the correct questions to ask. Solar observing is very rewarding, but
>> mistakes can be costly and permanent. Yes I am overly cautious as a trait,
>> but this one area where that caution is justified. As a demonstration with
>> a white-light telescope, we take the filter off and set paper, wood or
>> other things on fire to demonstrate this is not something to be trifled
>> with. (Sometimes we use flash paper for effect.
>> http://www.dreamlandmagic.com/flash-paper.html)
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>>
>> Part 2: Projection of the image onto a globe
>>
>> Have I done this? No, this is just an idea. You might want to contact a
>> local university for help in designing and building such a device. (Unless
>> someone else on the list knows of someone who has actually built something
>> like this.) Conceptually: Start with a flat piece of plastic which is
>> translucent. If you take an ordinary LCD projector and project onto one
>> side, you can see the image on the other side since some of the light will
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>> entire globe. How to get the optics correct, the computer program to get
>> the images and piece them together, construct this is way beyond e-mail
>> (and frankly more than a bit above my abilities as well). This was just an
>> idea.
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>> Another thought - Again this is way beyond my abilities and is probably
>> very impractical - is to use a persistence of vision sort of display. (For
>> example:
>> http://www.highpants.net/the-amazing-persistence-of-vision-leds-and-led-cubes-led-displ
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>> The idea behind this is that the eye sees things change relatively slowly.
>> If you have a light moving in a circle and have it generate a repeating
>> pattern, the eye will see the whole pattern rather than the light
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>> this to work reasonable. Again, sounds like something a university might

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>> This is easy and has been done for years. Take a solar scope above and
>> instead of an eyepiece to view directly, put a camera onto it. The output
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>> camera may be a computer camera. Alternately, the camera might just be a
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>> Lens crack and mirrors oxidize very quickly.)
>>
>>
>>
>> Ed
>>
>>
>>
>> ------------------------------
>> *From: *"Divyadarshan Purohit" <divyadarshan63@...>
>> *To: *edharfmann@..., "super_sid" <Super_SID@yahoogroups.com>
>> *Sent: *Thursday, April 16, 2015 1:13:12 AM
>> *Subject: *Re: [Super_SID] Need your suggestions on heliophysics
>>
>> Dear Edmund Harfmann,
>>
>> Thanks a lot for very useful information,links & know how,it will be very
>> much helpful to improve our theme.
>> Actually we are using Radio Jove,super sid & many more for last 6 years
>> with some other infrastructures in our three observatories but we were in
>> need of some more information which you have given in very attractive
>> manner.
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>> I would be grateful if you could let me know about ..
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>> (1) some more details about solar scope &
>> (2) some details about yours wonderful suggestion for projection of
>> solar images inside of a translucent globe .It is new for me so kindly let
>> me have some technical details.
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>> I am sure you will guide us in future also.
>> best regards,
>> DDPurohit & team

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> --
> -steve
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Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
http://www.gurudevobservatory.co.in/
https://www.flickr.com/photos/gurudevobservatory/sets/

1608. ISWI news letter,

Yahoo group: Super_SID
Date: 2015-04-17 06:04:42 UTC
From: Divyadarshan Purohit
Topic: 1608 Message: 1608

Dear Friends,

ISWI is a well know news letter for Space weather Initiative. You can have some details about ISWI at http://www.iswi-secretariat.org/ .

If you are dealing with Radio Jove, Super Sid, Space weather , Heliophysics then it is must for you.It will help to boost our knowledge database .

You can subscribe this awesome new letter by sending a blank message to http://www.iswi-secretariat.org/ .

with best regards,
DDPurohit

--
Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
http://www.gurudevobservatory.co.in/
https://www.flickr.com/photos/gurudevobservatory/sets/

1609. Re: [Super_SID] Super sid plot [6 Attachments]

Yahoo group: Super_SID
Date: 2015-04-24 01:40:34 UTC
From: WILLIAM & MELINDA LORD
Topic: 1593 Message: 1609

Hello,
I plotted your data and it has too much radio frequency (RF) noise to be able to see a SID. You might try monitoring some stations closer to your location. You can find a list at http://sidstation.loudet.org/stations-list-en.xhtml
You can either add a different station to the Config file or replace some of the stations in the Config file.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "Gom Dorji ede2011008@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Saturday, April 18, 2015 5:48 AM
Subject: Re: [Super_SID] Super sid plot [6 Attachments]

  [Attachment(s) from Gom Dorji included below] Please kindly interpret my sid data with GOES. Attached here is my data record for march 6, 7& 8Our Site name:- CST_BMonitor ID= 0492UTC offset =+06:00hour

On Tuesday, April 14, 2015 12:09 PM, "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

  Hello,
Can can go to Stanford's site and look at top, middle of the page you can click on "View Data by Date" and select the date you want to see. Not all of the data is good, some have too much radio frequency noise (RF) and are not able to see SID's SID Data Access

| |
| | | | | |
| SID Data AccessDon't Display Monitor Sunrise and Sunsets (Colored Arrows) Don't Display Station Sunrise and Sunsets (Black Arrows) |
| |
| View on sid.stanford.edu | Preview by Yahoo |
| |
| |

 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ede2011008@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, April 14, 2015 12:13 PM

Subject: [Super_SID] Super sid plot

hi (all)

Anybody kindly upload the readings of NAA and NLK on 6th March 2015.

Regards
Gom Dorji
Bhutan

1610. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-24 06:35:54 UTC
From: Jaap Akkerhuis
Topic: 1602 Message: 1610

> On Apr 23, 2015, at 18:17, Deborah Scherrer dscherrer@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>
> Jaap, where are we with an updated SuperSID distribution?

(Third attempt…apologies about the delay, local mail problems)

I can do one this weekend.There are quite some fixes for various
(plot) problems so it is time to so. I can wait for an update of
the manual.

jaap

1611. Question about data

Yahoo group: Super_SID
Date: 2015-04-24 13:39:35 UTC
From: Jack Gross
Topic: 1611 Message: 1611
Attachments: 1 described; binary payloads are missing from this source WARC

Greetings,
I have attached my plot of NAA which shows two BIG spikes. These occur each day at about the same time. I live within a block of a hospital and perhaps this may be the cause of the problem.
I have torrid chokes on all the SuperSID lines and an isolation transformer on order for the AC, but I don't think it's in my house ...
MY QUESTION: Is my data even worth sending to Stanford each day considering those RFI spikes which occur on all the stations monitored?
Thanks,
Jack
KI4DL
Bedford, VA
--
Jack Gross
jack144@...

1612. Re: [Super_SID] Question about data [1 Attachment]

Yahoo group: Super_SID
Date: 2015-04-24 14:36:43 UTC
From: WILLIAM & MELINDA LORD
Topic: 1611 Message: 1612

Yes, submit your data. Stanford overlays the GOES sat info on SID's they detect so you and others can still see SID's you detected.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "Jack Gross jack144@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com>
Sent: Friday, April 24, 2015 8:39 AM
Subject: [Super_SID] Question about data [1 Attachment]

  [Attachment(s) from Jack Gross included below] Greetings,   I have attached my plot of NAA which shows two BIG spikes. These occur each day at about the same time. I live within a block of a hospital and perhaps this may be the cause of the problem.I have torrid chokes on all the SuperSID lines and an isolation transformer on order for the AC, but I don't think it's in my house ... MY QUESTION: Is my data even worth sending to Stanford each day considering those RFI spikes which occur on all the stations
monitored?Thanks,JackKI4DLBedford, VA
--
Jack Gross
jack144@...

1613. Re: [Super_SID] Question about data

Yahoo group: Super_SID
Date: 2015-04-24 15:39:06 UTC
From: Jack Gross
Topic: 1611 Message: 1613

Thank you .
Final question, Approximately how much above the noise level would the the monitored signal need to be in order to be considered useful for the Stanford data - using the y axis plotting units?
Thanks,
Jack

On Fri, Apr 24, 2015 at 10:36 AM, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Yes, submit your data. Stanford overlays the GOES sat info on SID's they
> detect so you and others can still see SID's you detected.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* "Jack Gross jack144@... [Super_SID]" <
> Super_SID@yahoogroups.com>
> *To:* "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <
> Super_SID@yahoogroups.com>
> *Sent:* Friday, April 24, 2015 8:39 AM
> *Subject:* [Super_SID] Question about data [1 Attachment]
>
>
> [Attachment(s)
> <https://us-mg6.mail.yahoo.com/neo/launch?.rand=f7j7j98ua3ov4#TopText>
> from Jack Gross included below]
> Greetings,
> I have attached my plot of NAA which shows two BIG spikes. These occur
> each day at about the same time. I live within a block of a hospital and
> perhaps this may be the cause of the problem.
> I have torrid chokes on all the SuperSID lines and an isolation
> transformer on order for the AC, but I don't think it's in my house ...
> MY QUESTION: Is my data even worth sending to Stanford each day
> considering those RFI spikes which occur on all the stations monitored?
> Thanks,
> Jack
> KI4DL

> Bedford, VA
> --
> Jack Gross
> jack144@...
>
>
>
>

--
Jack Gross
jack144@gmail.com

1614. Re: [Super_SID] Question about data

Yahoo group: Super_SID
Date: 2015-04-24 16:06:41 UTC
From: Steve Berl
Topic: 1611 Message: 1614

Those sorts of short spikes are no problem. We know they don't come from the sun, so they can be just filtered out.

There's a new feature in the data browser (http://sid.stanford.edu/database-browser/). We now calculate a "data quality value". You can turn this feature on with a check box near the top left of the web page. Lower numbers are better.

Give it a look.

-steve

On Fri, Apr 24, 2015 at 8:39 AM, Jack Gross jack144@... [Super_SID] < Super_SID@yahoogroups.com> wrote:

>
>
> Thank you .
> Final question, Approximately how much above the noise level would the the
> monitored signal need to be in order to be considered useful for the
> Stanford data - using the y axis plotting units?
> Thanks,
> Jack
>
>
> On Fri, Apr 24, 2015 at 10:36 AM, WILLIAM & MELINDA LORD
> ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
>>
>>
>> Yes, submit your data. Stanford overlays the GOES sat info on SID's they
>> detect so you and others can still see SID's you detected.
>>
>> Bill & Melinda Lord
>> www.tnSkyNet.com
>> www.radio-astronomy.org
>>
>> Light travels faster than sound. This is why some people appear bright
>> until you hear them speak. :-)
>>
>> ------------------------------
>> *From:* "Jack Gross jack144@... [Super_SID]" <
>> Super_SID@yahoogroups.com>
>> *To:* "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <
>> Super_SID@yahoogroups.com>
>> *Sent:* Friday, April 24, 2015 8:39 AM

>> *Subject:* [Super_SID] Question about data [1 Attachment]
>>
>>
>> [Attachment(s)
>> <https://us-mg6.mail.yahoo.com/neo/launch?.rand=f7j7j98ua3ov4#TopText>
>> from Jack Gross included below]
>> Greetings,
>> I have attached my plot of NAA which shows two BIG spikes. These occur
>> each day at about the same time. I live within a block of a hospital and
>> perhaps this may be the cause of the problem.
>> I have torrid chokes on all the SuperSID lines and an isolation
>> transformer on order for the AC, but I don't think it's in my house ...
>> MY QUESTION: Is my data even worth sending to Stanford each day
>> considering those RFI spikes which occur on all the stations monitored?
>> Thanks,
>> Jack
>> KI4DL
>> Bedford, VA
>> --
>> Jack Gross
>> jack144@...
>>
>>
>>
>
>
> --
> Jack Gross
> jack144@...
>
>
>

--
-steve

1615. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-24 17:04:42 UTC
From: Deborah Scherrer
Topic: 1602 Message: 1615

Keith, could you provide Jaap with the change to the config file and
also the manual?

Thanks.
Debbie

On 4/23/15 11:35 PM, Jaap Akkerhuis jakkerhuis@... [Super_SID] wrote:
>
>
> > On Apr 23, 2015, at 18:17, Deborah Scherrer
> dscherrer@... [Super_SID] <Super_SID@yahoogroups.com>
> wrote:
> >
> > Jaap, where are we with an updated SuperSID distribution?
>
> (Third attempt…apologies about the delay, local mail problems)
>
> I can do one this weekend.There are quite some fixes for various
> (plot) problems so it is time to so. I can wait for an update of
> the manual.
>
> jaap
>
>

1616. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-24 17:43:42 UTC
From: Steve Berl
Topic: 1602 Message: 1616

Eric and Jaap,

Could I suggest one more thing to add. I think it will be useful to include a keyword to .csv files uploaded from the clients to indicate the version of supersid that produced the files. Lots of monitors are now running several different releases of the client software, some from Eric, some from Jaap, and it would be great if we could know which are being used by who. It will allow us to identify stations that are running really old versions, whether new versions are being "taken up" by the field, and if we have security or other serious software issues in the future it will help to figure out what is going on.

How something like:
Supersid_Version = eric_V2.1.1

or

Supersid_Version = jaap_V1.2.2rc2

Thoughts?

-steve

On Fri, Apr 24, 2015 at 10:04 AM, Deborah Scherrer
dscherrer@...ford.edu [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Keith, could you provide Jaap with the change to the config file and also
> the manual?
>
> Thanks.
> Debbie
>
> On 4/23/15 11:35 PM, Jaap Akkerhuis jakkerhuis@yahoo.com [Super_SID]
> wrote:
>
>
>
>
>
> > On Apr 23, 2015, at 18:17, Deborah Scherrer dscherrer@...
> [Super_SID] <Super_SID@yahoogroups.com> <Super_SID@yahoogroups.com> wrote:
> >
> > Jaap, where are we with an updated SuperSID distribution?
>
> (Third attempt…apologies about the delay, local mail problems)
>

> I can do one this weekend.There are quite some fixes for various
> (plot) problems so it is time to so. I can wait for an update of
> the manual.
>
> jaap
>
>
>
>

--
-steve

1617. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-24 17:50:58 UTC
From: Deborah Scherrer
Topic: 1602 Message: 1617

If you decide to do this, make sure you let me know the exact syntax, so
I can teach it to the database.

Debbie

On 4/24/15 10:43 AM, Steve Berl steveberl@... [Super_SID] wrote:
> Eric and Jaap,
>
> Could I suggest one more thing to add. I think it will be useful to
> include a keyword to .csv files uploaded from the clients to indicate
> the version of supersid that produced the files. Lots of monitors are
> now running several different releases of the client software, some
> from Eric, some from Jaap, and it would be great if we could know
> which are being used by who. It will allow us to identify stations
> that are running really old versions, whether new versions are being
> "taken up" by the field, and if we have security or other serious
> software issues in the future it will help to figure out what is going on.
>
> How something like:
> # Supersid_Version = eric_V2.1.1
>
> or
>
> # Supersid_Version = jaap_V1.2.2rc2
>
> Thoughts?
>
> -steve
>
> On Fri, Apr 24, 2015 at 10:04 AM, Deborah Scherrer
> dscherrer@... <mailto:dscherrer@...>
> [Super_SID] <Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>> wrote:
>
> Keith, could you provide Jaap with the change to the config file
> and also the manual?
>
> Thanks.
> Debbie
>
> On 4/23/15 11:35 PM, Jaap Akkerhuis jakkerhuis@...
> <mailto:jakkerhuis@...> [Super_SID] wrote:
>>
>>
>> > On Apr 23, 2015, at 18:17, Deborah Scherrer

>> dscherrer@...
>> <mailto:dscherrer@...> [Super_SID]
>> <Super_SID@yahoogroups.com> <mailto:Super_SID@yahoogroups.com> wrote:
>> >
>> > Jaap, where are we with an updated SuperSID distribution?
>>
>> (Third attempt…apologies about the delay, local mail problems)
>>
>> I can do one this weekend.There are quite some fixes for various
>> (plot) problems so it is time to so. I can wait for an update of
>> the manual.
>>
>> jaap
>>
>
>
>
>
> --
> -steve
>

1618. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-24 17:51:48 UTC
From: Deborah Scherrer
Topic: 1602 Message: 1618

Oh, and if you do add it, make sure that it is set by the system, and
don';t ask the user to add it. Anytime you let a user touch something,
things will go wrong....

Debbie

On 4/24/15 10:43 AM, Steve Berl steveberl@... [Super_SID] wrote:
> Eric and Jaap,
>
> Could I suggest one more thing to add. I think it will be useful to
> include a keyword to .csv files uploaded from the clients to indicate
> the version of supersid that produced the files. Lots of monitors are
> now running several different releases of the client software, some
> from Eric, some from Jaap, and it would be great if we could know
> which are being used by who. It will allow us to identify stations
> that are running really old versions, whether new versions are being
> "taken up" by the field, and if we have security or other serious
> software issues in the future it will help to figure out what is going on.
>
> How something like:
> # Supersid_Version = eric_V2.1.1
>
> or
>
> # Supersid_Version = jaap_V1.2.2rc2
>
> Thoughts?
>
> -steve
>
> On Fri, Apr 24, 2015 at 10:04 AM, Deborah Scherrer
> dscherrer@... <mailto:dscherrer@...>
> [Super_SID] <Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>> wrote:
>
> Keith, could you provide Jaap with the change to the config file
> and also the manual?
>
> Thanks.
> Debbie
>
> On 4/23/15 11:35 PM, Jaap Akkerhuis jakkerhuis@...
> <mailto:jakkerhuis@...> [Super_SID] wrote:
>>
>>

>> > On Apr 23, 2015, at 18:17, Deborah Scherrer
>> dscherrer@...
>> <mailto:dscherrer@...> [Super_SID]
>> <Super_SID@yahoogroups.com> <mailto:Super_SID@yahoogroups.com> wrote:
>> >
>> > Jaap, where are we with an updated SuperSID distribution?
>>
>> (Third attempt…apologies about the delay, local mail problems)
>>
>> I can do one this weekend.There are quite some fixes for various
>> (plot) problems so it is time to so. I can wait for an update of
>> the manual.
>>
>> jaap
>>
>
>
>
>
> --
> -steve
>

1619. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-24 18:10:38 UTC
From: Steve Berl
Topic: 1602 Message: 1619

Debbie,

The version string is already embedded in the python code of the supersid executable, so there is no user action required. Client software developers would need to be sure they update the string when they make new releases.

-steve

On Fri, Apr 24, 2015 at 10:51 AM, Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Oh, and if you do add it, make sure that it is set by the system, and
> don';t ask the user to add it. Anytime you let a user touch something,
> things will go wrong....
>
> Debbie
>
> On 4/24/15 10:43 AM, Steve Berl steveberl@... [Super_SID] wrote:
>
>
> Eric and Jaap,
>
> Could I suggest one more thing to add. I think it will be useful to
> include a keyword to .csv files uploaded from the clients to indicate the
> version of supersid that produced the files. Lots of monitors are now
> running several different releases of the client software, some from Eric,
> some from Jaap, and it would be great if we could know which are being used
> by who. It will allow us to identify stations that are running really old
> versions, whether new versions are being "taken up" by the field, and if we
> have security or other serious software issues in the future it will help
> to figure out what is going on.
>
> How something like:
> # Supersid_Version = eric_V2.1.1
>
> or
>
> # Supersid_Version = jaap_V1.2.2rc2
>
> Thoughts?
>
> -steve
>
> On Fri, Apr 24, 2015 at 10:04 AM, Deborah Scherrer

> dscherrer@... [Super_SID] <Super_SID@yahoogroups.com>
> wrote:
>
>>
>>
>> Keith, could you provide Jaap with the change to the config file and also
>> the manual?
>>
>> Thanks.
>> Debbie
>>
>> On 4/23/15 11:35 PM, Jaap Akkerhuis jakkerhuis@... [Super_SID]
>> wrote:
>>
>>
>>
>>
>> > On Apr 23, 2015, at 18:17, Deborah Scherrer
>> dscherrer@... [Super_SID] <Super_SID@yahoogroups.com>
>> <Super_SID@yahoogroups.com> wrote:
>> >
>> > Jaap, where are we with an updated SuperSID distribution?
>>
>> (Third attempt…apologies about the delay, local mail problems)
>>
>> I can do one this weekend.There are quite some fixes for various
>> (plot) problems so it is time to so. I can wait for an update of
>> the manual.
>>
>> jaap
>>
>>
>>
>
>
> --
> -steve
>
>
>
>

--
-steve

1620. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-24 18:31:32 UTC
From: Deborah Scherrer
Topic: 1602 Message: 1620

OK, sounds good.
Debbie

On 4/24/15 11:10 AM, Steve Berl steveberl@... [Super_SID] wrote:
> Debbie,
>
> The version string is already embedded in the python code of the
> supersid executable, so there is no user action required. Client
> software developers would need to be sure they update the string when
> they make new releases.
>
> -steve
>
> On Fri, Apr 24, 2015 at 10:51 AM, Deborah Scherrer
> dscherrer@... <mailto:dscherrer@...>
> [Super_SID] <Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>> wrote:
>
> Oh, and if you do add it, make sure that it is set by the system,
> and don';t ask the user to add it. Anytime you let a user touch
> something, things will go wrong....
>
> Debbie
>
> On 4/24/15 10:43 AM, Steve Berl steveberl@...
> <mailto:steveberl@...> [Super_SID] wrote:
>> Eric and Jaap,
>>
>> Could I suggest one more thing to add. I think it will be useful
>> to include a keyword to .csv files uploaded from the clients to
>> indicate the version of supersid that produced the files. Lots of
>> monitors are now running several different releases of the client
>> software, some from Eric, some from Jaap, and it would be great
>> if we could know which are being used by who. It will allow us to
>> identify stations that are running really old versions, whether
>> new versions are being "taken up" by the field, and if we have
>> security or other serious software issues in the future it will
>> help to figure out what is going on.
>>
>> How something like:
>> # Supersid_Version = eric_V2.1.1
>>
>> or
>>
>> # Supersid_Version = jaap_V1.2.2rc2

>>
>> Thoughts?
>>
>> -steve
>>
>> On Fri, Apr 24, 2015 at 10:04 AM, Deborah Scherrer
>> dscherrer@...
>> <mailto:dscherrer@...> [Super_SID]
>> <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>> wrote:
>>
>> Keith, could you provide Jaap with the change to the config
>> file and also the manual?
>>
>> Thanks.
>> Debbie
>>
>> On 4/23/15 11:35 PM, Jaap Akkerhuis jakkerhuis@...
>> <mailto:jakkerhuis@...> [Super_SID] wrote:
>>>
>>>
>>> > On Apr 23, 2015, at 18:17, Deborah Scherrer
>>> dscherrer@...
>>> <mailto:dscherrer@...> [Super_SID]
>>> <Super_SID@yahoogroups.com>
>>> <mailto:Super_SID@yahoogroups.com> wrote:
>>> >
>>> > Jaap, where are we with an updated SuperSID distribution?
>>>
>>> (Third attempt…apologies about the delay, local mail problems)
>>>
>>> I can do one this weekend.There are quite some fixes for various
>>> (plot) problems so it is time to so. I can wait for an update of
>>> the manual.
>>>
>>> jaap
>>>
>>
>>
>>
>>
>> --
>> -steve
>
>
>
>
> --
> -steve
>

1621. New experimental feature in SuperSID data browser web site

Yahoo group: Super_SID
Date: 2015-04-24 18:48:10 UTC
From: steveberl@...
Topic: 1621 Message: 1621

Hello SuperSID users,

If you are someone who looks at data in the Stanford Solar Center data browser (http://sid.stanford.edu/database-browser/) you will likely want to check out a new feature added recently.

For a while now, when you uploaded SuperSID data to the Stanford Solar Center FTP server, they system there has been calculating a "data quality" value. The software is attempting to analyze your data and determine if you have a valid sunrise signature curve. The better your data looks, the lower the value of the quality index. The higher the quality index value, the more noise there is in your data.

The algorithm for doing this is still a bit experimental, so we made it optional whether the quality index is displayed. In order to see the value, you need to check the box in the web interface. The check box is in the top left area of the screen and labeled "Show estimated data quality (lower is better)". If you check the box, and then click the "Update Graph" button, you will see the quality index displayed on the right end of each graph.

If your station is getting consistently high values for the quality index, then you might be attempting to monitor a station that is just too weak and far away. Or you may be seeing too much locally generated interference, which might be fixable by making adjustments to your antenna, or other local gear.

At some point we will enhance the web interface to the browser to allow you to filter on the value of the quality index (for example, only show stations with an index of less than 10, or greater than 20).

So check it out and let us know what you think.

Thanks,

-steve

1622. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-24 19:35:14 UTC
From: Jaap Akkerhuis
Topic: 1602 Message: 1622

> On Apr 24, 2015, at 19:04, Deborah Scherrer dscherrer@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>
> Keith, could you provide Jaap with the change to the config file and also the manual?

Yes please.

It might actually take some more time then I thought. I updated
the support libraries and now run into a non-telated problem I don't
understand.

Makes me pretty unhappy :-(.

jaap

1623. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-24 19:40:33 UTC
From: Jaap Akkerhuis
Topic: 1602 Message: 1623

> On Apr 24, 2015, at 19:43, Steve Berl steveberl@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>
> How something like:
> # Supersid_Version = eric_V2.1.1
>
> or
>
> # Supersid_Version = jaap_V1.2.2rc2
>
> Thoughts?

I was actually about to propose something similar. Something in the style of

Data Src SuperSid Version whatever

to be inserted by the program (not the user).
But your suggestion is fine as well.

But first repair the strange bug.

jaap

1624. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-24 20:17:05 UTC
From: Steve Berl
Topic: 1602 Message: 1624

Your syntax for the version might be better as it allows for other software
not related to supersid to generate and upload files. For example someone
might be using gnuradio or Vlfrx tools or something.

Steve

On Friday, April 24, 2015, Jaap Akkerhuis jakkerhuis@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
>
> > On Apr 24, 2015, at 19:43, Steve Berl steveberl@...
> <javascript:_e(%7B%7D,'cvml','steveberl@...');> [Super_SID] <
> Super_SID@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','Super_SID@yahoogroups.com');>> wrote:
> >
> > How something like:
> > # Supersid_Version = eric_V2.1.1
> >
> > or
> >
> > # Supersid_Version = jaap_V1.2.2rc2
> >
> > Thoughts?
>
> I was actually about to propose something similar. Something in the style
> of
>
> # Data Src SuperSid Version whatever
>
> to be inserted by the program (not the user).
> But your suggestion is fine as well.
>
> But first repair the strange bug.
>
> jaap
>
>

--
-steve

1625. Re[2]: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-25 00:43:24 UTC
From: ericgibert@...
Topic: 1602 Message: 1625

No problem for me. good idea.
Another point: i have created the 'extended' file format for handling 5 decimals time stamp. Might be good to get this in too.
--
Sent from myMail app for Android
Saturday, 25 April 2015, 04:17am +08:00 from "Steve Berl steveberl@gmail.com [Super_SID]" <Super_SID@yahoogroups.com>:
>Your syntax for the version might be better as it allows for other software not related to supersid to generate and upload files. For example someone might be using gnuradio or Vlfrx tools or something.
>Steve
>On Friday, April 24, 2015, Jaap Akkerhuis jakkerhuis@yahoo.com [Super_SID] < Super_SID@yahoogroups.com > wrote:
>>
>>
>>> On Apr 24, 2015, at 19:43, Steve Berl steveberl@gmail.com [Super_SID] < Super_SID@yahoogroups.com > wrote:
>>>
>>> How something like:
>>> # Supersid_Version = eric_V2.1.1
>>>
>>> or
>>>
>>> # Supersid_Version = jaap_V1.2.2rc2
>>>
>>> Thoughts?
>>
>>I was actually about to propose something similar. Something in the style of
>>
>>># Data Src SuperSid Version whatever
>>
>>to be inserted by the program (not the user).
>>But your suggestion is fine as well.
>>
>>But first repair the strange bug.
>>
>>jaap
>--
>-steve
>

1626. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-25 01:13:27 UTC
From: Deborah Scherrer
Topic: 1602 Message: 1626

Eric, can you explain this? I am very concerned about any changes made
to the SID input files cause our scripts might break. Changes to any
of the keywords I can usually handle ok, but any other changes to the
format could really make things break. ;-)

Debbie

On 4/24/15 5:43 PM, ericgibert@... [Super_SID] wrote:
>
> No problem for me. good idea.
>
> Another point: i have created the 'extended' file format for handling
> 5 decimals time stamp. Might be good to get this in too.
>
> --
> Sent from myMail app for Android
>
> Saturday, 25 April 2015, 04:17am +08:00 from "Steve Berl
> steveberl@... [Super_SID]" <Super_SID@yahoogroups.com>:
>
> Your syntax for the version might be better as it allows for other
> software not related to supersid to generate and upload files. For
> example someone might be using gnuradio or Vlfrx tools or something.
> Steve
> On Friday, April 24, 2015, Jaap Akkerhuis jakkerhuis@...
> [Super_SID] < Super_SID@yahoogroups.com > wrote:
> >
> >
> >> On Apr 24, 2015, at 19:43, Steve Berl steveberl@...
> [Super_SID] < Super_SID@yahoogroups.com > wrote:
> >>
> >> How something like:
> >> # Supersid_Version = eric_V2.1.1
> >>
> >> or
> >>
> >> # Supersid_Version = jaap_V1.2.2rc2
> >>
> >> Thoughts?
> >
> >I was actually about to propose something similar. Something in
> the style of
> >
> >＃ Data Src SuperSid Version whatever
> >

> >to be inserted by the program (not the user).
> >But your suggestion is fine as well.
> >
> >But first repair the strange bug.
> >
> >jaap
> --
> -steve
>
>

1627. Re[2]: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-25 01:44:39 UTC
From: ericgibert@...
Topic: 1602 Message: 1627

Hi Debbie,
Not to worry: this is an option only which can be used to save the files on local pc with longer timestamp. Actually something we talked with Jaap some time back.
Both Sid and SuperSid 'standard' format are present and fully supported.
But this is a good reminder: I shall review my documentation to make 100% clear that 'extended' files cannot be posted to Standford U.
PS: the sidfile.py module does convert/merge/split sid files from any format. I use it every morning to 'explode' my extended supersid file to only 2 stations standard sid files for FTP.
best regards
Eric
--
Sent from myMail app for Android
Saturday, 25 April 2015, 09:13am +08:00 from "Deborah Scherrer dscherrer@solar.stanford.edu [Super_SID]" <Super_SID@yahoogroups.com>:
>Eric, can you explain this? I am very concerned about any changes
>   made to the SID input files cause our scripts might break. Changes
>   to any of the keywords I can usually handle ok, but any other
>   changes to the format could really make things break. ;-)
>Debbie
>On 4/24/15 5:43 PM, ericgibert@yahoo.fr [Super_SID] wrote:
>>
>>No problem for me.
>   good idea.
>>Another point: i have created the 'extended'
>   file format for handling 5 decimals time stamp. Might be
>   good to get this in too.
>>--
>>Sent from myMail app for Android
>>Saturday, 25 April 2015, 04:17am +08:00 from
>   "Steve Berl steveberl@gmail.com [Super_SID]" <Super_SID@yahoogroups.com> :
>>>Your syntax for the version might be better
>   as it allows for other software not related to supersid
>   to generate and upload files. For example someone might
>   be using gnuradio or Vlfrx tools or something.
>>>Steve
>>>On Friday, April 24, 2015, Jaap Akkerhuis jakkerhuis@yahoo.com [Super_SID] <Super_SID@yahoogroups.com > wrote:
>>>>
>>>>
>>>>> On Apr 24, 2015, at 19:43, Steve Berl steveberl@gmail.com [Super_SID] <Super_SID@yahoogroups.com > wrote:
>>>>>
>>>>> How something like:
>>>>> # Supersid_Version = eric_V2.1.1

>>>>>
>>>>> or
>>>>>
>>>>> # Supersid_Version = jaap_V1.2.2rc2
>>>>>
>>>>> Thoughts?
>>>>
>>>>I was actually about to propose something similar.
>   Something in the style of
>>>>
>>>># Data Src SuperSid Version whatever
>>>>
>>>>to be inserted by the program (not the user).
>>>>But your suggestion is fine as well.
>>>>
>>>>But first repair the strange bug.
>>>>
>>>>jaap
>>>--
>>>-steve
>

1628. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-25 02:55:22 UTC
From: Deborah Scherrer
Topic: 1602 Message: 1628

I am still concerned. Users rarely read documentation. They shouldn't have to turn this off explicitly. Given that it shouldn't be used by anyone but you, why should it be added? What problem are you trying to solve?

Debbie

On 4/24/15 6:44 PM, ericgibert@... [Super_SID] wrote:
>
> Hi Debbie,
>
> Not to worry: this is an option only which can be used to save the
> files on local pc with longer timestamp. Actually something we talked
> with Jaap some time back.
>
> Both Sid and SuperSid 'standard' format are present and fully supported.
>
> But this is a good reminder: I shall review my documentation to make
> 100% clear that 'extended' files cannot be posted to Standford U.
>
> PS: the sidfile.py module does convert/merge/split sid files from any
> format. I use it every morning to 'explode' my extended supersid file
> to only 2 stations standard sid files for FTP.
>
> best regards
>
> Eric
>
> --
> Sent from myMail app for Android
>
> Saturday, 25 April 2015, 09:13am +08:00 from "Deborah Scherrer
> dscherrer@... [Super_SID]" <Super_SID@yahoogroups.com>:
>
> Eric, can you explain this? I am very concerned about any changes
> made to the SID input files cause our scripts might break.
> Changes
> to any of the keywords I can usually handle ok, but any other
> changes to the format could really make things break. ;-)
> Debbie
> On 4/24/15 5:43 PM, ericgibert@... [Super_SID] wrote:
> >
> >No problem for me.
> good idea.
> >Another point: i have created the 'extended'

> file format for handling 5 decimals time stamp. Might be
> good to get this in too.
> >--
> >Sent from myMail app for Android
> >Saturday, 25 April 2015, 04:17am +08:00 from
> "Steve Berl steveberl@... [Super_SID]"
> <Super_SID@yahoogroups.com> :
> >>Your syntax for the version might be better
> as it allows for other software not related to
> supersid
> to generate and upload files. For example someone
> might
> be using gnuradio or Vlfrx tools or something.
> >>Steve
> >>On Friday, April 24, 2015, Jaap Akkerhuis jakkerhuis@...
> [Super_SID] < Super_SID@yahoogroups.com > wrote:
> >>>
> >>>
> >>>> On Apr 24, 2015, at 19:43, Steve Berl steveberl@...
> [Super_SID] < Super_SID@yahoogroups.com > wrote:
> >>>>
> >>>> How something like:
> >>>> # Supersid_Version = eric_V2.1.1
> >>>>
> >>>> or
> >>>>
> >>>> # Supersid_Version = jaap_V1.2.2rc2
> >>>>
> >>>> Thoughts?
> >>>
> >>>I was actually about to propose something similar.
> Something in the style of
> >>>
> >>># Data Src SuperSid Version whatever
> >>>
> >>>to be inserted by the program (not the user).
> >>>But your suggestion is fine as well.
> >>>
> >>>But first repair the strange bug.
> >>>
> >>>jaap
> >>--
> >>-steve
> >
> >

1629. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-25 13:45:37 UTC
From: Eric Gibert
Topic: 1602 Message: 1629
Attachments: 1 described; binary payloads are missing from this source WARC

There is an entry in the supersid.cfg:

log_format=sid_format

The user needs to change it specifically as

log_format=supersid_extended

therefore this is not something happening unintentionally.

This format is used, by default, to save the buffer every hours. this allows to restart the application with this file so that you do not lose the day's data if you have an electricity cut or need to reboot your PC (windows updates for example)... You can call the 'supersid.py' with the parameter -r (or --read) to get this file in the memory buffer.

The purpose was when we were looking at a better timer, and when using slower machine like Raspberry Pi, there can be a few tenth of seconds difference.

For your information, the original program does not save the date and time from the clock but "simply" adds 5 second from the previous time. So drifting was noticed when the monitor was on for a few months.

I have attached a partial file just to show that the time stamp is actually the "normal" untruncated time stamp format.

Best regards,

Eric

On 04/25/2015 10:55 AM, Deborah Scherrer dscherrer@...
[Super_SID] wrote:
>
> I am still concerned. Users rarely read documentation. They
> shouldn't have to turn this off explicitly. Given that it shouldn't
> be used by anyone but you, why should it be added? What problem are
> you trying to solve?
>
> Debbie
>
> On 4/24/15 6:44 PM, ericgibert@... [Super_SID] wrote:
>>
>> Hi Debbie,
>>
>> Not to worry: this is an option only which can be used to save the
>> files on local pc with longer timestamp. Actually something we talked

>> with Jaap some time back.
>>
>> Both Sid and SuperSid 'standard' format are present and fully supported.
>>
>> But this is a good reminder: I shall review my documentation to make
>> 100% clear that 'extended' files cannot be posted to Standford U.
>>
>> PS: the sidfile.py module does convert/merge/split sid files from any
>> format. I use it every morning to 'explode' my extended supersid file
>> to only 2 stations standard sid files for FTP.
>>
>> best regards
>>
>> Eric
>>
>> --
>> Sent from myMail app for Android
>>
>> Saturday, 25 April 2015, 09:13am +08:00 from "Deborah Scherrer
>> dscherrer@... [Super_SID]" <Super_SID@yahoogroups.com>:
>>
>> Eric, can you explain this? I am very concerned about any changes
>> made to the SID input files cause our scripts might break.
>> Changes
>> to any of the keywords I can usually handle ok, but any other
>> changes to the format could really make things break. ;-)
>> Debbie
>> On 4/24/15 5:43 PM, ericgibert@... [Super_SID] wrote:
>> >
>> >No problem for me.
>> good idea.
>> >Another point: i have created the 'extended'
>> file format for handling 5 decimals time stamp.
>> Might be
>> good to get this in too.
>> >--
>> >Sent from myMail app for Android
>> >Saturday, 25 April 2015, 04:17am +08:00 from
>> "Steve Berl steveberl@... [Super_SID]"
>> <Super_SID@yahoogroups.com> :
>> >>Your syntax for the version might be better
>> as it allows for other software not related to
>> supersid
>> to generate and upload files. For example someone
>> might
>> be using gnuradio or Vlfrx tools or something.
>> >>Steve
>> >>On Friday, April 24, 2015, Jaap Akkerhuis jakkerhuis@...
>> [Super_SID] < Super_SID@yahoogroups.com > wrote:
>> >>>

>> >>>
>> >>>> On Apr 24, 2015, at 19:43, Steve Berl steveberl@...
>> [Super_SID] < Super_SID@yahoogroups.com > wrote:
>> >>>>
>> >>>> How something like:
>> >>>> # Supersid_Version = eric_V2.1.1
>> >>>>
>> >>>> or
>> >>>>
>> >>>> # Supersid_Version = jaap_V1.2.2rc2
>> >>>>
>> >>>> Thoughts?
>> >>>
>> >>>I was actually about to propose something similar.
>> Something in the style of
>> >>>
>> >>># Data Src SuperSid Version whatever
>> >>>
>> >>>to be inserted by the program (not the user).
>> >>>But your suggestion is fine as well.
>> >>>
>> >>>But first repair the strange bug.
>> >>>
>> >>>jaap
>> >>--
>> >>-steve
>>
>
>

1630. Re: [Super_SID] need a quick change to the SuperSID Distribution [1 Attachment]

Yahoo group: Super_SID
Date: 2015-04-25 16:49:18 UTC
From: Deborah Scherrer
Topic: 1602 Message: 1630

OK, that makes a lot of sense, and is one step on the way towards having
a realtime display. However, the problem is that our data ingestion
scripts cannot read your file format. If someone would start sending
those in, we couldn't parse them.

Debbie

On 4/25/15 6:45 AM, Eric Gibert ericgibert@... [Super_SID] wrote:
> [Attachment(s) <#TopText> from Eric Gibert included below]
>
> There is an entry in the supersid.cfg:
>
> log_format=sid_format
>
> The user needs to change it specifically as
>
> log_format=supersid_extended
>
> therefore this is not something happening unintentionally.
>
> This format is used, by default, to save the buffer every hours. this
> allows to restart the application with this file so that you do not
> lose the day's data if you have an electricity cut or need to reboot
> your PC (windows updates for example)... You can call the
> 'supersid.py' with the parameter -r (or --read) to get this file in
> the memory buffer.
>
> The purpose was when we were looking at a better timer, and when using
> slower machine like Raspberry Pi, there can be a few tenth of seconds
> difference.
>
> For your information, the original program does not save the date and
> time from the clock but "simply" adds 5 second from the previous time.
> So drifting was noticed when the monitor was on for a few months.
>
> I have attached a partial file just to show that the time stamp is
> actually the "normal" untruncated time stamp format.
>
> Best regards,
>
> Eric
>
>
>

> On 04/25/2015 10:55 AM, Deborah Scherrer dscherrer@...
> [Super_SID] wrote:
>>
>> I am still concerned. Users rarely read documentation. They
>> shouldn't have to turn this off explicitly. Given that it shouldn't
>> be used by anyone but you, why should it be added? What problem are
>> you trying to solve?
>>
>> Debbie
>>
>> On 4/24/15 6:44 PM, ericgibert@... [Super_SID] wrote:
>>>
>>> Hi Debbie,
>>>
>>> Not to worry: this is an option only which can be used to save the
>>> files on local pc with longer timestamp. Actually something we
>>> talked with Jaap some time back.
>>>
>>> Both Sid and SuperSid 'standard' format are present and fully supported.
>>>
>>> But this is a good reminder: I shall review my documentation to make
>>> 100% clear that 'extended' files cannot be posted to Standford U.
>>>
>>> PS: the sidfile.py module does convert/merge/split sid files from
>>> any format. I use it every morning to 'explode' my extended supersid
>>> file to only 2 stations standard sid files for FTP.
>>>
>>> best regards
>>>
>>> Eric
>>>
>>> --
>>> Sent from myMail app for Android
>>>
>>> Saturday, 25 April 2015, 09:13am +08:00 from "Deborah Scherrer
>>> dscherrer@... [Super_SID]" <Super_SID@yahoogroups.com>:
>>>
>>> Eric, can you explain this? I am very concerned about any changes
>>> made to the SID input files cause our scripts might break.
>>> Changes
>>> to any of the keywords I can usually handle ok, but any other
>>> changes to the format could really make things break. ;-)
>>> Debbie
>>> On 4/24/15 5:43 PM, ericgibert@... [Super_SID] wrote:
>>> >
>>> >No problem for me.
>>> good idea.
>>> >Another point: i have created the 'extended'
>>> file format for handling 5 decimals time stamp.
>>> Might be

>>> good to get this in too.
>>> >--
>>> >Sent from myMail app for Android
>>> >Saturday, 25 April 2015, 04:17am +08:00 from
>>> "Steve Berl steveberl@... [Super_SID]"
>>> <Super_SID@yahoogroups.com> :
>>> >>Your syntax for the version might be better
>>> as it allows for other software not related to
>>> supersid
>>> to generate and upload files. For example
>>> someone might
>>> be using gnuradio or Vlfrx tools or something.
>>> >>Steve
>>> >>On Friday, April 24, 2015, Jaap Akkerhuis jakkerhuis@...
>>> [Super_SID] < Super_SID@yahoogroups.com > wrote:
>>> >>>
>>> >>>
>>> >>>> On Apr 24, 2015, at 19:43, Steve Berl steveberl@...
>>> [Super_SID] < Super_SID@yahoogroups.com > wrote:
>>> >>>>
>>> >>>> How something like:
>>> >>>> # Supersid_Version = eric_V2.1.1
>>> >>>>
>>> >>>> or
>>> >>>>
>>> >>>> # Supersid_Version = jaap_V1.2.2rc2
>>> >>>>
>>> >>>> Thoughts?
>>> >>>
>>> >>>I was actually about to propose something similar.
>>> Something in the style of
>>> >>>
>>> >>># Data Src SuperSid Version whatever
>>> >>>
>>> >>>to be inserted by the program (not the user).
>>> >>>But your suggestion is fine as well.
>>> >>>
>>> >>>But first repair the strange bug.
>>> >>>
>>> >>>jaap
>>> >>>--
>>> >>>-steve
>>> >>>
>>>
>>
>
>

1631. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-25 20:36:11 UTC
From: Jaap Akkerhuis
Topic: 1602 Message: 1631

> On Apr 25, 2015, at 18:49, Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> OK, that makes a lot of sense, and is one step on the way towards having a realtime display.

I actually don't think it is worth the trouble. For each data
point, data is collected during one second. The timestamp is
actually the start of this measurement period. I think that the
the jitter the raspberry clock apparently has, is hardly significant.

> However, the problem is that our data ingestion scripts cannot read your file format. If someone would start sending those in, we couldn't parse them.

Yup. I think that that is more important.

jaap

1632. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-25 20:43:10 UTC
From: Steve Berl
Topic: 1602 Message: 1632

Debbie,

Can you explain how the fractions of a second helps with the real time
display function? I don't see how it is relevant.

-steve

On Sat, Apr 25, 2015 at 1:36 PM, Jaap Akkerhuis jakkerhuis@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
>
> > On Apr 25, 2015, at 18:49, Deborah Scherrer dscherrer@...
> [Super_SID] <Super_SID@yahoogroups.com> wrote:
> >
> > OK, that makes a lot of sense, and is one step on the way towards having
> a realtime display.
>
> I actually don't think it is worth the trouble. For each data
> point, data is collected during one second. The timestamp is
> actually the start of this measurement period. I think that the
> the jitter the raspberry clock apparently has, is hardly significant.
>
> > However, the problem is that our data ingestion scripts cannot read your
> file format. If someone would start sending those in, we couldn't parse
> them.
>
> Yup. I think that that is more important.
>
> jaap
>
>
>

--
-steve

1633. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-25 21:06:05 UTC
From: Deborah Scherrer
Topic: 1602 Message: 1633

He evidently clears the buffer more than once a day and has a way to keep track of those files. We might need to do that to develop a realtime display.

Debbie

On 4/25/15 1:43 PM, Steve Berl steveberl@... [Super_SID] wrote:
> Debbie,
>
> Can you explain how the fractions of a second helps with the real time
> display function? I don't see how it is relevant.
>
> -steve
>
> On Sat, Apr 25, 2015 at 1:36 PM, Jaap Akkerhuis jakkerhuis@...
> <mailto:jakkerhuis@...> [Super_SID] <Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>> wrote:
>
>
> > On Apr 25, 2015, at 18:49, Deborah Scherrer
> dscherrer@... <mailto:dscherrer@...>
> [Super_SID] <Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>> wrote:
> >
> > OK, that makes a lot of sense, and is one step on the way
> towards having a realtime display.
>
> I actually don't think it is worth the trouble. For each data
> point, data is collected during one second. The timestamp is
> actually the start of this measurement period. I think that the
> the jitter the raspberry clock apparently has, is hardly significant.
>
> > However, the problem is that our data ingestion scripts cannot
> read your file format. If someone would start sending those in, we
> couldn't parse them.
>
> Yup. I think that that is more important.
>
> jaap
>
>
>
>
> --
> -steve

>

1634. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-25 21:33:03 UTC
From: WILLIAM & MELINDA LORD
Topic: 1602 Message: 1634
Attachments: 2 described; binary payloads are missing from this source WARC

Keith,A Word version is in the DOC folder of the CD. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: Keith Payea <kbpayea@...>
To: dscherrer@...d.edu; Super_SID@yahoogroups.com
Cc: 'supersid' <superSID@radio-astronomy.org>
Sent: Friday, April 24, 2015 2:51 PM
Subject: RE: [Super_SID] need a quick change to the SuperSID Distribution

#yiv1289269752 #yiv1289269752 -- _filtered #yiv1289269752 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv1289269752 {panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv1289269752 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv1289269752 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv1289269752 {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv1289269752 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv1289269752 #yiv1289269752 p.yiv1289269752MsoNormal, #yiv1289269752 li.yiv1289269752MsoNormal, #yiv1289269752 div.yiv1289269752MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;color:black;}#yiv1289269752 a:link, #yiv1289269752 span.yiv1289269752MsoHyperlink {color:blue;text-decoration:underline;}#yiv1289269752 a:visited, #yiv1289269752 span.yiv1289269752MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv1289269752 p {margin-right:0in;margin-left:0in;font-size:12.0pt;color:black;}#yiv1289269752 code {}#yiv1289269752 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;color:black;}#yiv1289269752 tt {}#yiv1289269752 span.yiv1289269752HTMLPreformattedChar {font-family:Consolas;color:black;}#yiv1289269752 p.yiv1289269752attach, #yiv1289269752 li.yiv1289269752attach, #yiv1289269752 div.yiv1289269752attach {margin-right:0in;margin-left:0in;font-size:9.0pt;color:black;}#yiv1289269752 p.yiv1289269752bold, #yiv1289269752 li.yiv1289269752bold, #yiv1289269752 div.yiv1289269752bold {margin-right:0in;margin-left:0in;font-size:10.0pt;color:black;font-weight:bold;}#yiv1289269752 p.yiv1289269752green, #yiv1289269752 li.yiv1289269752green, #yiv1289269752 div.yiv1289269752green {margin-right:0in;margin-left:0in;font-size:12.0pt;color:#628C2A;}#yiv1289269752 p.yiv1289269752replbq, #yiv1289269752 li.yiv1289269752replbq, #yiv1289269752 div.yiv1289269752replbq {margin:3.0pt;font-size:12.0pt;color:black;}#yiv1289269752 p.yiv1289269752ad, #yiv1289269752 li.yiv1289269752ad, #yiv1289269752 div.yiv1289269752ad {margin-right:0in;margin-left:0in;font-size:12.0pt;color:black;}#yiv1289269752 p.yiv1289269752underline, #yiv1289269752 li.yiv1289269752underline, #yiv1289269752 div.yiv1289269752underline {margin-right:0in;margin-left:0in;font-size:12.0pt;color:black;}#yiv1289269752

span.yiv1289269752yshortcuts {}#yiv1289269752 p.yiv1289269752ad1, #yiv1289269752
li.yiv1289269752ad1, #yiv1289269752 div.yiv1289269752ad1
{margin-right:0in;margin-left:0in;font-size:12.0pt;color:black;}#yiv1289269752
p.yiv1289269752ad2, #yiv1289269752 li.yiv1289269752ad2, #yiv1289269752
div.yiv1289269752ad2 {margin-right:0in;margin-bottom:7.5pt;margin-left:0in;font-size:12.0p
t;color:black;}#yiv1289269752 p.yiv1289269752underline1, #yiv1289269752
li.yiv1289269752underline1, #yiv1289269752 div.yiv1289269752underline1 {margin-right:0in;m
argin-left:0in;font-size:12.0pt;color:black;text-decoration:underline;}#yiv1289269752
span.yiv1289269752yshortcuts1 {font-weight:bold;}#yiv1289269752
span.yiv1289269752yshortcuts2 {font-weight:normal;}#yiv1289269752
span.yiv1289269752EmailStyle34 {color:#1F497D;}#yiv1289269752 .yiv1289269752MsoChpDefault
{font-size:10.0pt;} _filtered #yiv1289269752 {margin:1.0in 1.0in 1.0in
1.0in;}#yiv1289269752 div.yiv1289269752WordSection1 {}#yiv1289269752 _filtered
#yiv1289269752 {} _filtered #yiv1289269752 {font-family:Symbol;}#yiv1289269752 ol
{margin-bottom:0in;}#yiv1289269752 ul {margin-bottom:0in;}#yiv1289269752 I can update the config file easily enough, but I only have PDF format for the manual. Who has the original? Keith

From: Deborah Scherrer [mailto:dscherrer@...]
Sent: Friday, April 24, 2015 10:05
To: Super_SID@yahoogroups.com
Cc: kbpayea@...; supersid
Subject: Re: [Super_SID] need a quick change to the SuperSID Distribution Keith, could you provide Jaap with the change to the config file and also the manual?

Thanks.
DebbieOn 4/23/15 11:35 PM, Jaap Akkerhuis jakkerhuis@... [Super_SID] wrote:

> On Apr 23, 2015, at 18:17, Deborah Scherrer dscherrer@solar.stanford.edu [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Jaap, where are we with an updated SuperSID distribution?

(Third attempt…apologies about the delay, local mail problems)

I can do one this weekend.There are quite some fixes for various
(plot) problems so it is time to so. I can wait for an update of
the manual.

jaap

1635. Re: [Super_SID] need a quick change to the SuperSID Distribution

Yahoo group: Super_SID
Date: 2015-04-25 21:37:09 UTC
From: Deborah Scherrer
Topic: 1602 Message: 1635

Are you sure, Bill? I just loaded in the newest version of the CD and
I only saw a pdf version of the manual.

Debbie

On 4/25/15 2:33 PM, WILLIAM & MELINDA LORD wrote:
> Keith,
> A Word version is in the DOC folder of the CD.
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ---
> *From:* Keith Payea <kbpayea@...>
> *To:* dscherrer@...; Super_SID@yahoogroups.com
> *Cc:* 'supersid' <superSID@...>
> *Sent:* Friday, April 24, 2015 2:51 PM
> *Subject:* RE: [Super_SID] need a quick change to the SuperSID
> Distribution
>
> I can update the config file easily enough, but I only have PDF format
> for the manual. Who has the original?
> Keith
>
>
> *From:*Deborah Scherrer [mailto:dscherrer@...]
> *Sent:* Friday, April 24, 2015 10:05
> *To:* Super_SID@yahoogroups.com
> *Cc:* kbpayea@...; supersid
> *Subject:* Re: [Super_SID] need a quick change to the SuperSID
> Distribution
> Keith, could you provide Jaap with the change to the config file and
> also the manual?
>
> Thanks.
> Debbie
> On 4/23/15 11:35 PM, Jaap Akkerhuis jakkerhuis@...
> <mailto:jakkerhuis@...> [Super_SID] wrote:
>
>
> > On Apr 23, 2015, at 18:17, Deborah Scherrer
> dscherrer@... <mailto:dscherrer@...>

> [Super_SID] <Super_SID@yahoogroups.com>
> <mailto:Super_SID@yahoogroups.com> wrote:
> >
> > Jaap, where are we with an updated SuperSID distribution?
>
> (Third attempt…apologies about the delay, local mail problems)
>
> I can do one this weekend.There are quite some fixes for various
> (plot) problems so it is time to so. I can wait for an update of
> the manual.
>
> jaap
>
>
>
>

1636. Info on the Stanford implementation of a data quality algorithm

Yahoo group: Super_SID
Date: 2015-04-26 18:16:03 UTC
From: Deborah Scherrer
Topic: 1636 Message: 1636

SID Data Quality Algorithm

An algorithm for determining SID data quality has been implemented in the Stanford SID data browser by programmer Scott Winegarden.The inspiration for the algorithm came from:

https://sites.google.com/site/siddataanalyzer/**

The original algorithm was from a published paper by Lionel Loudet, curator of the A118 SID monitoring station in the French Pyrenees. In his study, Loudet uses empirical mode decomposition (EMD) to analyze the signal produced by his SID monitor and provides convincing arguments about the possibility of using this technique for the detection of solar flares.I tried several ways to download the paper, but the website timed out each time:
**http://sidstation.loudet.org/emd-en.xhtml

The algorithm was extended into a research project by 2 young students, Giancarlo Fissore and Federico Belliardo,at Liceo Scientifico-Tecnologico "Vallauri" in Fossano, Italy, site /Italy-10/ in the SID database.They completed an excellent research project in which the students designed code based on the Loudet algorithm, then extended it to eliminate noise from SID data and test for flares.Their code is available, written in C.

1637. Fwd: [Super_SID] Question about data

Yahoo group: Super_SID
Date: 2015-04-27 03:38:05 UTC
From: Jack Gross
Topic: 1637 Message: 1637

John,
I should be home Monday night. I'll check the time of the recorded spikes for the past few days. I have an isolation transformer for the AC. I'll plug it in when we get back. That's all I know to do for RFI. Hope it helps.
Jack

Sent from my iPad

Begin forwarded message:

> From: "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com>
> Date: April 24, 2015 at 10:36:43 AM EDT
> To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
> Subject: Re: [Super_SID] Question about data
> Reply-To: Super_SID@yahoogroups.com
>
> Yes, submit your data. Stanford overlays the GOES sat info on SID's they detect so you and others can still see SID's you detected.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>
> From: "Jack Gross jack144@... [Super_SID]" <Super_SID@yahoogroups.com>
> To: "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com>
> Sent: Friday, April 24, 2015 8:39 AM
> Subject: [Super_SID] Question about data [1 Attachment]
>
>
> [Attachment(s) from Jack Gross included below]
> Greetings,
> I have attached my plot of NAA which shows two BIG spikes. These occur each day at about the same time. I live within a block of a hospital and perhaps this may be the cause of the problem.
> I have torrid chokes on all the SuperSID lines and an isolation transformer on order for the AC, but I don't think it's in my house ...
> MY QUESTION: Is my data even worth sending to Stanford each day considering those RFI spikes which occur on all the stations monitored?
> Thanks,
> Jack
> KI4DL
> Bedford, VA
> --

> Jack Gross
> jack144@...
>
>
>

1638. Fwd: [Super_SID] Question about data

Yahoo group: Super_SID
Date: 2015-04-27 03:39:19 UTC
From: Jack Gross
Topic: 1637 Message: 1638

Sent from my iPad

Begin forwarded message:

> From: "Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com>
> Date: April 24, 2015 at 12:06:41 PM EDT
> To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
> Subject: Re: [Super_SID] Question about data
> Reply-To: Super_SID@yahoogroups.com
>
> Those sorts of short spikes are no problem. We know they don't come from the sun, so they can be just filtered out.
>
> There's a new feature in the data browser (http://sid.stanford.edu/database-browser/). We now calculate a "data quality value". You can turn this feature on with a check box near the top left of the web page. Lower numbers are better.
>
> Give it a look.
>
> -steve
>
>> On Fri, Apr 24, 2015 at 8:39 AM, Jack Gross jack144@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>>
>> Thank you .
>> Final question, Approximately how much above the noise level would the the monitored signal need to be in order to be considered useful for the Stanford data - using the y axis plotting units?
>> Thanks,
>> Jack
>>
>>
>>> On Fri, Apr 24, 2015 at 10:36 AM, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>>>
>>> Yes, submit your data. Stanford overlays the GOES sat info on SID's they detect so you and others can still see SID's you detected.
>>>
>>> Bill & Melinda Lord
>>> www.tnSkyNet.com
>>> www.radio-astronomy.org
>>>
>>> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>>>

>>> From: "Jack Gross jack144@gmail.com [Super_SID]" <Super_SID@yahoogroups.com>
>>> To: "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com>
>>> Sent: Friday, April 24, 2015 8:39 AM
>>> Subject: [Super_SID] Question about data [1 Attachment]
>>>
>>>
>>> [Attachment(s) from Jack Gross included below]
>>> Greetings,
>>> I have attached my plot of NAA which shows two BIG spikes. These occur each day at about the same time. I live within a block of a hospital and perhaps this may be the cause of the problem.
>>> I have torrid chokes on all the SuperSID lines and an isolation transformer on order for the AC, but I don't think it's in my house ...
>>> MY QUESTION: Is my data even worth sending to Stanford each day considering those RFI spikes which occur on all the stations monitored?
>>> Thanks,
>>> Jack
>>> KI4DL
>>> Bedford, VA
>>> --
>>> Jack Gross
>>> jack144@...
>>
>>
>>
>> --
>> Jack Gross
>> jack144@...
>
>
>
> --
> -steve
>

1639. Re: Fwd: [Super_SID] Question about data

Yahoo group: Super_SID
Date: 2015-04-27 11:44:24 UTC
From: John Cowlbeck
Topic: 1637 Message: 1639

Hope you have had a good trip. Give me a call when you get home.
 John

JohnCowlbeck@...

540-586-8042 Home
540-871-0636 Cell
From: "Jack Gross jack144@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "John Cowlbeck johncowlbeck@..." <Super_SID@yahoogroups.com>
Sent: Sunday, April 26, 2015 11:38 PM
Subject: Fwd: [Super_SID] Question about data

  John,   I should be home Monday night. I'll check the time of the recorded spikes for the past few days. I have an isolation transformer for the AC. I'll plug it in when we get back. That's all I know to do for RFI. Hope it helps.Jack

Sent from my iPad
Begin forwarded message:

From: "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com>
Date: April 24, 2015 at 10:36:43 AM EDT
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Subject: Re: [Super_SID] Question about data
Reply-To: Super_SID@yahoogroups.com

  Yes, submit your data. Stanford overlays the GOES sat info on SID's they detect so you and others can still see SID's you detected.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "Jack Gross jack144@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "WILLIAM & MELINDA LORD ap_guardian@...m [Super_SID]" <Super_SID@yahoogroups.com>
Sent: Friday, April 24, 2015 8:39 AM
Subject: [Super_SID] Question about data [1 Attachment]

  [Attachment(s) from Jack Gross included below] Greetings,   I have attached my plot of NAA which shows two BIG spikes. These occur each day at about the same time. I live within a block of a hospital and perhaps this may be the cause of the problem.I have torrid chokes on all the SuperSID lines and an isolation transformer on order for the AC, but I don't think it's in my house ... MY QUESTION: Is my data even worth sending to Stanford each day considering those RFI spikes which occur on all the stations
monitored?Thanks,JackKI4DLBedford, VA
--
Jack Gross

jack144@...

1640. Re: [Super_SID] Question about data

Yahoo group: Super_SID
Date: 2015-04-28 16:48:28 UTC
From: Jack Gross
Topic: 1637 Message: 1640

Disappointing.
None of the data taken when I was away is any good. It's all full of RFI ...
I think I need to start over or give up.
Jack
Sent from my iPad

> On Apr 27, 2015, at 7:44 AM, John Cowlbeck johncowlbeck@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Hope you have had a good trip. Give me a call when you get home.
>
> John
>
>
> JohnCowlbeck@Yahoo.Com
>
>
> 540-586-8042 Home
> 540-871-0636 Cell
>
> From: "Jack Gross jack144@... [Super_SID]" <Super_SID@yahoogroups.com>
> To: "John Cowlbeck johncowlbeck@..." <Super_SID@yahoogroups.com>
> Sent: Sunday, April 26, 2015 11:38 PM
> Subject: Fwd: [Super_SID] Question about data
>
>
> John,
> I should be home Monday night. I'll check the time of the recorded spikes for the past few days. I have an isolation transformer for the AC. I'll plug it in when we get back. That's all I know to do for RFI. Hope it helps.
> Jack
>
>
> Sent from my iPad
>
> Begin forwarded message:
>
>
>
>> From: "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com>
>> Date: April 24, 2015 at 10:36:43 AM EDT
>> To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
>> Subject: Re: [Super_SID] Question about data
>> Reply-To: Super_SID@yahoogroups.com
>>

>>
>> Yes, submit your data. Stanford overlays the GOES sat info on SID's they detect so you and others can still see SID's you detected.
>>
>> Bill & Melinda Lord
>> www.tnSkyNet.com
>> www.radio-astronomy.org
>>
>> Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
>>
>> From: "Jack Gross jack144@gmail.com [Super_SID]" <Super_SID@yahoogroups.com>
>> To: "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com>
>> Sent: Friday, April 24, 2015 8:39 AM
>> Subject: [Super_SID] Question about data [1 Attachment]
>>
>>
>> [Attachment(s) from Jack Gross included below]
>> Greetings,
>> I have attached my plot of NAA which shows two BIG spikes. These occur each day at about the same time. I live within a block of a hospital and perhaps this may be the cause of the problem.
>> I have torrid chokes on all the SuperSID lines and an isolation transformer on order for the AC, but I don't think it's in my house ...
>> MY QUESTION: Is my data even worth sending to Stanford each day considering those RFI spikes which occur on all the stations monitored?
>> Thanks,
>> Jack
>> KI4DL
>> Bedford, VA
>> --
>> Jack Gross
>> jack144@...
>
>
>
>

1641. Re: [Super_SID] Super sid plot

Yahoo group: Super_SID
Date: 2015-04-29 16:01:12 UTC
From: Gom Dorji
Topic: 1593 Message: 1641

Attached here is the data for NWC transmitter. Kindly plot and verify, how my data is appropriate and advice me.

Gom DorjiBhutan

On Thursday, April 23, 2015 6:40 PM, "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

  Hello,
I plotted your data and it has too much radio frequency (RF) noise to be able to see a SID. You might try monitoring some stations closer to your location. You can find a list at http://sidstation.loudet.org/stations-list-en.xhtml
You can either add a different station to the Config file or replace some of the stations in the Config file.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "Gom Dorji ede2011008@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Saturday, April 18, 2015 5:48 AM
Subject: Re: [Super_SID] Super sid plot [6 Attachments]

  [Attachment(s) from Gom Dorji included below] Please kindly interpret my sid data with GOES. Attached here is my data record for march 6, 7& 8Our Site name:- CST_BMonitor ID= 0492UTC offset =+06:00hour

On Tuesday, April 14, 2015 12:09 PM, "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

  Hello,
Can can go to Stanford's site and look at top, middle of the page you can click on "View Data by Date" and select the date you want to see. Not all of the data is good, some have too much radio frequency noise (RF) and are not able to see SID's SID Data Access

| |
| | | | | |
| SID Data AccessDon't Display Monitor Sunrise and Sunsets (Colored Arrows) Don't Display Station Sunrise and Sunsets (Black Arrows) |
| |
| View on sid.stanford.edu | Preview by Yahoo |
| |
| |

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ede2011008@...m [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, April 14, 2015 12:13 PM
Subject: [Super_SID] Super sid plot

hi (all)

Anybody kindly upload the readings of NAA and NLK on 6th March 2015.

Regards
Gom Dorji
Bhutan

1642. Re: [Super_SID] Super sid plot

Yahoo group: Super_SID
Date: 2015-04-29 16:10:33 UTC
From: Gom Dorji
Topic: 1593 Message: 1642
Attachments: 1 described; binary payloads are missing from this source WARC

Attached here is the data for NWC transmitter for the date 25th to 28th of April 2015. Kindly plot and verify, how my data is appropriate and comment on my data.

Gom DorjiBhutan

On Wednesday, April 29, 2015 9:01 AM, Gom Dorji <ede2011008@...> wrote:

Attached here is the data for NWC transmitter. Kindly plot and verify, how my data is appropriate and advice me.

Gom DorjiBhutan

On Thursday, April 23, 2015 6:40 PM, "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

  Hello,
I plotted your data and it has too much radio frequency (RF) noise to be able to see a SID. You might try monitoring some stations closer to your location. You can find a list at http://sidstation.loudet.org/stations-list-en.xhtml
You can either add a different station to the Config file or replace some of the stations in the Config file.
 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "Gom Dorji ede2011008@yahoo.com [Super_SID]" <Super_SID@yahoogroups.com>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Saturday, April 18, 2015 5:48 AM
Subject: Re: [Super_SID] Super sid plot [6 Attachments]

  [Attachment(s) from Gom Dorji included below] Please kindly interpret my sid data with GOES. Attached here is my data record for march 6, 7& 8Our Site name:- CST_BMonitor ID= 0492UTC offset =+06:00hour

On Tuesday, April 14, 2015 12:09 PM, "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

  Hello,
Can can go to Stanford's site and look at top, middle of the page you can click on "View Data by Date" and select the date you want to see. Not all of the data is good, some have too much radio frequency noise (RF) and are not able to see SID's SID Data Access

| |
| | | | | |
| SID Data AccessDon't Display Monitor Sunrise and Sunsets (Colored Arrows) Don't Display

Station Sunrise and Sunsets (Black Arrows) |
| |
| View on sid.stanford.edu | Preview by Yahoo |
| |
| |

 Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ede2011008@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, April 14, 2015 12:13 PM
Subject: [Super_SID] Super sid plot

  hi (all)

Anybody kindly upload the readings of NAA and NLK on 6th March 2015.

Regards
Gom Dorji
Bhutan

1643. Re: [Super_SID] Super sid plot [1 Attachment]

Yahoo group: Super_SID
Date: 2015-04-30 21:42:41 UTC
From: WILLIAM & MELINDA LORD
Topic: 1593 Message: 1643

Hello,
You have a lot of radio frequency (RF) noise in the data.
 Lookat http://sid.stanford.edu/database-browser/There are a lot of noisy charts shown, but look at NAA N2JUP 0213 and NPM CSSC035. These are really clean charts that lets you see sunrise/sunset effect andthe characteristic SID. They also correlate to SID's detected by the GOES. Hereare some suggestions to try and track the noise culprits. Tracking Noise Interference If you seem to be getting a lot of noiseinterference, here are some steps to take to possibly find the source if it islocal. Start SuperSID (SSID) The Antenna and Coax- Make sure that thewires are not old and all the connections are clean, no oxides on surfaces. Thepresence of oxides makes for poor conduction and in some cases it results inrectification of signals which can then lead to a host of other problems. Clean any oxide and repair any badconnections. Has your SSID spectrum improved? By this I mean has the RF noise floor dropped so your station signal is higher than the background noise.
 If Yes, continue to section C. If No, let’s look at your computer to see ifit is the culprit. Move the antenna next to the computer, allowSSID at least 20 seconds to respond. Doyou see any change good or bad? If the signal is worse, move the antenna as faraway from the computer as possible, any change? Section C- Turn off all electrical equipmentin the building (if possible). Is therean improvement to the signal with all electrical items turned off? If yes, continue with the following steps. If no, it may be a noise source out side thebuilding. Turn On each item and them look at theSuperSID spectrum, give SuperSID time (at least 20 seconds) to refresh and seeif there is any change.
Also, you might try the newer BETA software. You can set it to save datahourly.

        http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe
        http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe.sha-256 When you click on the link or copy and pasteto your browser your computer will ask if you want to download. Let us know your results. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "Gom Dorji ede2011008@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Wednesday, April 29, 2015 11:10 AM
Subject: Re: [Super_SID] Super sid plot [1 Attachment]

  [Attachment(s) from Gom Dorji included below]
Attached here is the data for NWC transmitter for the date 25th to 28th of April 2015. Kindly plot and verify, how my data is appropriate and comment on my data.

Gom DorjiBhutan

On Wednesday, April 29, 2015 9:01 AM, Gom Dorji <ede2011008@...> wrote:

Attached here is the data for NWC transmitter. Kindly plot and verify, how my data is appropriate and advice me.

Gom DorjiBhutan

On Thursday, April 23, 2015 6:40 PM, "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

Hello,
I plotted your data and it has too much radio frequency (RF) noise to be able to see a SID. You might try monitoring some stations closer to your location. You can find a list at http://sidstation.loudet.org/stations-list-en.xhtml
You can either add a different station to the Config file or replace some of the stations in the Config file.
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Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "Gom Dorji ede2011008@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Saturday, April 18, 2015 5:48 AM
Subject: Re: [Super_SID] Super sid plot [6 Attachments]

[Attachment(s) from Gom Dorji included below] Please kindly interpret my sid data with GOES. Attached here is my data record for march 6, 7& 8Our Site name:- CST_BMonitor ID= 0492UTC offset =+06:00hour

On Tuesday, April 14, 2015 12:09 PM, "WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

Hello,
Can can go to Stanford's site and look at top, middle of the page you can click on "View Data by Date" and select the date you want to see. Not all of the data is good, some have too much radio frequency noise (RF) and are not able to see SID's SID Data Access

| |
| | | | | |
| SID Data AccessDon't Display Monitor Sunrise and Sunsets (Colored Arrows) Don't Display Station Sunrise and Sunsets (Black Arrows) |
| |
| View on sid.stanford.edu | Preview by Yahoo |
| |
| |

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Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ede2011008@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com

Sent: Tuesday, April 14, 2015 12:13 PM
Subject: [Super_SID] Super sid plot

hi (all)

Anybody kindly upload the readings of NAA and NLK on 6th March 2015.

Regards
Gom Dorji
Bhutan

1644. Re: [Super_SID] Question about data

Yahoo group: Super_SID
Date: 2015-05-01 14:23:40 UTC
From: Jack Gross
Topic: 1611 Message: 1644

Bill & Melinda Lord,
Hello,
I have set my config file to submit my data, however it isn't showing up.
any suggestions? Here is the config file:

```
[PARAMETERS]

site_name = KI4DL
longitude = -79.52
latitude = 37.35

# next two keywords are optional
#
# if you want to save hourly set the hourly_save value to yes
hourly_save = yes
# if you want to change to a different data directory:
# data_path = ../differentdir
data_path = ../Data

utc_offset = 5
time_zone = EST
monitor_id = 9123

audio_sampling_rate = 96000

log_interval = 5
log_type = filtered
scaling_factor = 220.0

automatic_upload = yes
ftp_server = sid-ftp.stanford.edu
ftp_directory = /incoming/SuperSID/

number_of_stations = 6

[STATION_1]
call_sign = NAA
color = r
frequency = 24000

[STATION_2]
call_sign = NLK
color = b
frequency = 24800

[STATION_3]
call_sign = NML
color = g
```

frequency = 25200

[STATION_4]
call_sign = NPM
color = c
frequency = 21400

[STATION_5]
call_sign = NWC
color = y
frequency = 19800

[STATION_6]
call_sign = NAU
color = k
frequency = 40700
Thanks,
Jack

On Fri, Apr 24, 2015 at 10:36 AM, WILLIAM & MELINDA LORD
ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Yes, submit your data. Stanford overlays the GOES sat info on SID's they
> detect so you and others can still see SID's you detected.
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
>

--
Jack Gross
jack144@...

1645. Re: [Super_SID] Question about data

Yahoo group: Super_SID
Date: 2015-05-01 15:50:56 UTC
From: Deborah Scherrer
Topic: 1611 Message: 1645

I have no record of this site getting to Stanford. I would check your
ftp log.

Debbie

On 5/1/15 7:23 AM, Jack Gross jack144@... [Super_SID] wrote:
> Bill & Melinda Lord,
> Hello,
> I have set my config file to submit my data, however it isn't showing
> up. any suggestions? Here is the config file:
>
> [PARAMETERS]
>
> site_name = KI4DL
> longitude = -79.52
> latitude = 37.35
>
>
>
> # next two keywords are optional
> #
> #if you want to save hourly set the hourly_save value to yes
> hourly_save = yes
> #if you want to change to a different data directory:
> # data_path = ../differentdir
> data_path = ../Data
>
> utc_offset = 5
> time_zone = EST
> monitor_id = 9123
>
> audio_sampling_rate = 96000
>
> log_interval = 5
> log_type = filtered
> scaling_factor = 220.0
>
>
> automatic_upload = yes
> ftp_server = sid-ftp.stanford.edu <http://sid-ftp.stanford.edu>
> ftp_directory = /incoming/SuperSID/
>
>
> number_of_stations = 6
>

>
> [STATION_1]
> call_sign = NAA
> color = r
> frequency = 24000
>
> [STATION_2]
> call_sign = NLK
> color = b
> frequency = 24800
>
>
> [STATION_3]
> call_sign = NML
> color = g
> frequency = 25200
>
> [STATION_4]
> call_sign = NPM
> color = c
> frequency = 21400
>
> [STATION_5]
> call_sign = NWC
> color = y
> frequency = 19800
>
> [STATION_6]
> call_sign = NAU
> color = k
> frequency = 40700
> Thanks,
> Jack
>
> On Fri, Apr 24, 2015 at 10:36 AM, WILLIAM & MELINDA LORD
> ap_guardian@... <mailto:ap_guardian@...> [Super_SID]
> <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>> wrote:
>
> Yes, submit your data. Stanford overlays the GOES sat info on
> SID's they detect so you and others can still see SID's you detected.
> Bill & Melinda Lord
> www.tnSkyNet.com <http://www.tnSkyNet.com>
> www.radio-astronomy.org <http://www.radio-astronomy.org>
>
> Light travels faster than sound. This is why some people appear
> bright until you hear them speak. :-)
>
> --
>
>

> --
> Jack Gross
> jack144@... <mailto:jack144@...>
>

1646. Re: [Super_SID] Question about data

Yahoo group: Super_SID
Date: 2015-05-02 17:28:28 UTC
From: WILLIAM & MELINDA LORD
Topic: 1611 Message: 1646

Also, I don't see the monitor_id in your config file.

Sent from Yahoo Mail on Android

From:"Deborah Scherrer dscherrer@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Fri, May 1, 2015 at 10:51 AM
Subject:Re: [Super_SID] Question about data

I have no record of this site getting to Stanford. I would check your ftp log.

Debbie

On 5/1/15 7:23 AM, Jack Gross jack144@... [Super_SID] wrote:

Bill & Melinda Lord,

   Hello,

I have set my config file to submit my data, however it isn't showing up. any suggestions? Here is the config file:

[PARAMETERS]

site_name = KI4DL

longitude = -79.52

latitude = 37.35

next two keywords are optional

#

if you want to save hourly set the hourly_save value to yes

hourly_save = yes

if you want to change to a different data directory:

data_path = ../differentdir

data_path = ../Data

utc_offset = 5

time_zone = EST

monitor_id = 9123

audio_sampling_rate = 96000

```
log_interval = 5

log_type = filtered

scaling_factor = 220.0

automatic_upload = yes

ftp_server = sid-ftp.stanford.edu

ftp_directory = /incoming/SuperSID/

number_of_stations = 6

[STATION_1]

call_sign = NAA

color = r

frequency = 24000

[STATION_2]

call_sign = NLK

color = b

frequency = 24800

[STATION_3]

call_sign = NML

color = g

frequency = 25200

[STATION_4]

call_sign = NPM

color = c

frequency = 21400

[STATION_5]

call_sign = NWC

color = y

frequency = 19800

[STATION_6]

call_sign = NAU
```

color = k

frequency = 40700

Thanks,

Jack

On Fri, Apr 24, 2015 at 10:36 AM, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Yes, submit your data. Stanford overlays the GOES sat info on SID's they detect so you and others can still see SID's you detected.

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

--

Jack Gross
jack144@...

1647. SuperSID email lists?

Yahoo group: Super_SID
Date: 2015-05-02 20:10:03 UTC
From: Steve Berl
Topic: 1647 Message: 1647

Can anyone tell me the difference betwen the 2 email aliases supersid@... vs Super_SID@yahoogroups.com? Is there any particular reason to be on one vs the other?

--
-steve

1648. Re: [Super_SID] SuperSID email lists?

Yahoo group: Super_SID
Date: 2015-05-02 20:12:24 UTC
From: Deborah Scherrer
Topic: 1647 Message: 1648

Yes. The supersid@... is where people send requests for
applications and general questions. This is currently being handled by
Keith Payea.

The other is the SuperSID yahoo groups.

Debbie

On 5/2/15 1:10 PM, Steve Berl steveberl@... [Super_SID] wrote:
> Can anyone tell me the difference betwen the 2 email aliases
> supersid@... <mailto:supersid@...> vs
> Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>? Is there
> any particular reason to be on one vs the other?
>
> --
> -steve
>

1649. SuperSID Map updates and your CORRECT location

Yahoo group: Super_SID
Date: 2015-05-02 20:37:44 UTC
From: Steve Berl
Topic: 1649 Message: 1649

So we are in the process of updating the map of SuperSID sites.

It seems that many of you have incorrect latitude and longitude coordinates configured in your configuration files. It would be great if we had correct locations for each station. It makes the data you upload more valuable if we know where it came from. It also means that the map shows not so many stations floating the ocean :-)

Here are a few hints for getting your location correct:

- Make sure you are in the right hemisphere. If you are north of the equator, the sign of the latitude will be positive. If you are south, then it will be negative. Latitude is always between -90 (the south pole) and 90 (the north pole). For longitude, if you are east of Greenwich England, and west of the international date line, then your longitude will be positive. If you are east of Greenwich, but east of the international date line, then your longitude will be negative.
- When you enter the data in the configuration file, make sure you don't switch lat and long. It's a common mistake.

If you have web access, you can find your latitude and longitude with Google Maps. Here are some steps to do that.
- Go to https://www.google.com/maps
- Enter your address in the search box.
- Your location should now be marked with a little bubble icon.
- Right-click (on a Mac you can option-click) and select "What's Here?" from the popup context menu.
- You should now see a box in the top left of the window showing the name of the place, and 2 numbers separated by a comma. The first is your latitude, the second your longitude. Write them down.

- If what you find doesn't match what is in your supsersid.cfg file, you should 1) fix the supersid.cfg file to contain the correct data, and 2) send the old and the new data along with your site name and monitor-id in an email to steveberl@....
- And as long as you are in the supersid.cfg file, can you check that the monitor-id value matches what is printed on the outside of your monitor. The ID number is on the outside of the case someplace. If that was incorrect, please include that info in your email message.

Finally, I can add both text and pictures to the map for your station! Write up a little description of who you are, what you are doing with the SuperSID, why you think its interesting and exciting, whatever you like. If you have a web site, send the link. If you have a picture you think would be a good fun way to represent your site, send it also. Email it all to steveberl@... and I will add it to the map so it will appear when you

click your station.

Have fun,

-steve

1650. Re: [Super_SID] SuperSID Map updates and your CORRECT location

Yahoo group: Super_SID
Date: 2015-05-03 15:55:17 UTC
From: Deborah Scherrer
Topic: 1649 Message: 1650

In addition, the format for both your latitude and longitude should be:
[+-]dd.dd
Please avoid using "N" "E" "S" "W" and other formats. Sorry, we cannot
read them.

Thanks!
Debbie

On 5/2/15 1:37 PM, Steve Berl steveberl@... [Super_SID] wrote:
> So we are in the process of updating the map of SuperSID sites.
>
> It seems that many of you have incorrect latitude and longitude
> coordinates configured in your configuration files. It would be great
> if we had correct locations for each station. It makes the data you
> upload more valuable if we know where it came from. It also means that
> the map shows not so many stations floating the ocean :-)
>
> Here are a few hints for getting your location correct:
>
> * Make sure you are in the right hemisphere. If you are north of the
> equator, the sign of the latitude will be positive. If you are
> south, then it will be negative. Latitude is always between -90
> (the south pole) and 90 (the north pole). For longitude, if you
> are east of Greenwich England, and west of the international date
> line, then your longitude will be positive. If you are east of
> Greenwich, but east of the international date line, then your
> longitude will be negative.
> * When you enter the data in the configuration file, make sure you
> don't switch lat and long. It's a common mistake.
>
>
> If you have web access, you can find your latitude and longitude with
> Google Maps. Here are some steps to do that.
> - Go to https://www.google.com/maps
> - Enter your address in the search box.
> - Your location should now be marked with a little bubble icon.
> - Right-click (on a Mac you can option-click) and select "What's
> Here?" from the popup context menu.
> - You should now see a box in the top left of the window showing the
> name of the place, and 2 numbers separated by a comma. The first is
> your latitude, the second your longitude. Write them down.
>
> * If what you find doesn't match what is in your supsersid.cfg file,
> you should 1) fix the supersid.cfg file to contain the correct
> data, and 2) send the old and the new data along with your site

> name and monitor-id in an email to steveberl@...
> <mailto:steveberl@...>.
> * And as long as you are in the supersid.cfg file, can you check
> that the monitor-id value matches what is printed on the outside
> of your monitor. The ID number is on the outside of the case
> someplace. If that was incorrect, please include that info in your
> email message.
>
>
> Finally, I can add both text and pictures to the map for your station!
> Write up a little description of who you are, what you are doing with
> the SuperSID, why you think its interesting and exciting, whatever you
> like. If you have a web site, send the link. If you have a picture you
> think would be a good fun way to represent your site, send it also.
> Email it all to steveberl@... <mailto:steveberl@...> and I
> will add it to the map so it will appear when you click your station.
>
> Have fun,
>
> -steve
>

1651. Several Questions

Yahoo group: Super_SID
Date: 2015-05-06 02:06:23 UTC
From: ebf306@...
Topic: 1651 Message: 1651
Attachments: 1 described; binary payloads are missing from this source WARC

Several questions

I noticed the time display at the bottom left corner, just before the station call signs, is always 8 hours behind my time of CDT. I have adjusted the config file several times to my time zone and it doesn’t seem to matter what I put in the file. It is always -8 hours. What is that supposed to be?
How do I know if my supersid is working properly? I have uploaded my latest plot from today that looks like it might have caught today's flare.
I set my station to upload automatically but when I look in the FTP directory I don’t see them.
I see some really cool graphs that look nothing like the auto generated one plot that comes with the program. Are there other plot graphs available?
Thanks

1652. Re: [Super_SID] Several Questions [1 Attachment]

Yahoo group: Super_SID
Date: 2015-05-07 16:55:11 UTC
From: WILLIAM & MELINDA LORD
Topic: 1651 Message: 1652

Can you please send us your config file? Also, look at the path for your config file. Does it look like this? C:\supersid_v1_1_1\Config
Make sure your config file is set to:Monitor_id = 9118Site_name = EBF
If it does not match exactly (case sensitive) it will not show in the Stanford database. Are you sure there is not any "blocking" set on your computer to send ftp?Your data is noisy with Radio Frequency Interference (RFI). It will be difficult to see SID's on your chart. Look at http://sid.stanford.edu/database-browser/There are a lot of noisy charts shown, but look at NAA N2JUP 0213 and NAA BTTS0246. These are really clean charts that lets you see sunrise/sunset effect andthe characteristic SID. They also correlate to SID's detected by the GOES. Here are some suggestionsto try and track the noise culprits. Tracking Noise Interference If you seem to be getting alot of noise interference, here are some steps to take to possibly find thesource if it is local. Start SuperSID(SSID) The Antenna and Coax- Makesure that the wires are not old and all the connections are clean, no oxides onsurfaces. The presence of oxides makes for poor conduction and in some cases itresults in rectification of signals which can then lead to a host of otherproblems. Clean any oxide and repairany bad connections. Has your SSID spectrumimproved? By this I mean has the RF noise floor dropped so your station signalis higher than the background noise.

If Yes, continue to sectionC. If No, let's look at your computer to see if it is the culprit.

Move the antenna next tothe computer, allow SSID at least 20 seconds to respond. Do you see anychange good or bad? If the signal is worse, move the antenna as far away fromthe computer as possible, any change? Section C- Turn off all electricalequipment in the building (if possible). Is there an improvement to thesignal with all electrical items turned off? If yes,continue with the following steps. If no, it may be a noisesource out side the building. Turn On each item and themlook at the SuperSID spectrum, give SuperSID time (at least 20 seconds) torefresh and see if there is any change.
Also, you might try the newer BETA software. You canset it to save data hourly.

http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe
http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe.sha-256 When you click on the linkor copy and paste to your browser your computer will ask if you want todownload. Let us know your results. Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "ebf306@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Tuesday, May 5, 2015 9:06 PM
Subject: [Super_SID] Several Questions [1 Attachment]

[Attachment(s) from ebf306@... [Super_SID] included below] Several questions
- I noticedthe time display at the bottom left corner, just before the station call signs,is always 8 hours behind my time of CDT. I have adjusted the config file several times to my time zone and itdoesn’t seem to matter what I put in the file. It is always -8 hours. What isthat supposed to be?
- How do I know if my supersid is working properly? I have uploaded my latest plot from today that looks like it might have caught today's flare.
- I set my station to upload automatically butwhen I look in the FTP directory I don’t see them.
- I see some really cool graphs that look nothinglike the auto generated one plot that comes with the program. Are there other plot graphs available?
Thanks

1653. Re: [Super_SID] Several Questions

Yahoo group: Super_SID
Date: 2015-05-07 22:14:21 UTC
From: Steve Berl
Topic: 1651 Message: 1653

Oh, and the time displayed in the lower left corner should be UTC time.

-steve

On Thu, May 7, 2015 at 9:55 AM, WILLIAM & MELINDA LORD ap_guardian@yahoo.com [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Can you please send us your config file? Also, look at the path for your
> config file. Does it look like this? C:\supersid_v1_1_1\Config
>
> Make sure your config file is set to:
> Monitor_id = 9118
> Site_name = EBF
>
> If it does not match exactly (case sensitive) it will not show in the
> Stanford database. Are you sure there is not any "blocking" set on your
> computer to send ftp?
> Your data is noisy with Radio Frequency Interference (RFI). It will be
> difficult to see SID’s on your chart.
>
> Look at http://sid.stanford.edu/database-browser/ There are a lot of
> noisy charts shown, but look at NAA N2JUP 0213 and NAA BTTS 0246. These are
> really clean charts that lets you see sunrise/sunset effect and the
> characteristic SID. They also correlate to SID's detected by the GOES.
>
> Here are some suggestions to try and track the noise culprits.
>
> Tracking Noise Interference
>
> If you seem to be getting a lot of noise interference, here are some steps
> to take to possibly find the source if it is local.
>
> Start SuperSID (SSID)
>
> The Antenna and Coax- Make sure that the wires are not old and all the
> connections are clean, no oxides on surfaces. The presence of oxides makes
> for poor conduction and in some cases it results in rectification of
> signals which can then lead to a host of other problems.
>
> Clean any oxide and repair any bad connections.
>
> Has your SSID spectrum improved? By this I mean has the RF noise floor
> dropped so your station signal is higher than the background noise.
>

> If Yes, continue to section C. If No, let’s look at your computer to
> see if it is the culprit.
>
>
> Move the antenna next to the computer, allow SSID at least 20 seconds to
> respond. Do you see any change good or bad? If the signal is worse, move
> the antenna as far away from the computer as possible, any change?
>
>
> Section C- Turn off all electrical equipment in the building (if
> possible). Is there an improvement to the signal with all electrical items
> turned off? If yes, continue with the following steps.
>
> If no, it may be a noise source out side the building.
>
> Turn On each item and them look at the SuperSID spectrum, give SuperSID
> time (at least 20 seconds) to refresh and see if there is any change.
>
> Also, you might try the newer BETA software. You can set it to save data
> hourly.
>
> http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe
>
> http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe.sha-256
>
> When you click on the link or copy and paste to your browser your computer
> will ask if you want to download.
>
> Let us know your results.
>
>
> Bill & Melinda Lord
> www.tnSkyNet.com
> www.radio-astronomy.org
>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
> ------------------------------
> *From:* "ebf306@... [Super_SID]" <Super_SID@yahoogroups.com>
> *To:* Super_SID@yahoogroups.com
> *Sent:* Tuesday, May 5, 2015 9:06 PM
> *Subject:* [Super_SID] Several Questions [1 Attachment]
>
>
> [Attachment(s)
> <https://us-mg5.mail.yahoo.com/neo/launch?.rand=68iuc8mk5k95b#TopText>
> from ebf306@... [Super_SID] included below]
> Several questions
>

> 1. I noticed the time display at the bottom left corner, just before
> the station call signs, is always 8 hours behind my time of CDT. I
> have adjusted the config file several times to my time zone and it doesn’t
> seem to matter what I put in the file. It is always -8 hours. What
> is that supposed to be?
> 2. How do I know if my supersid is working properly? I have uploaded
> my latest plot from today that looks like it might have caught today's
> flare.
> 3. I set my station to upload automatically but when I look in the FTP
> directory I don’t see them.
> 4. I see some really cool graphs that look nothing like the auto
> generated one plot that comes with the program. Are there other plot
> graphs available?
>
> Thanks
>
>
>
>

--
-steve

1654. Re: [Super_SID] Several Questions [1 Attachment]

Yahoo group: Super_SID
Date: 2015-05-07 22:31:48 UTC
From: Deborah Scherrer
Topic: 1651 Message: 1654

The SID monitors are set up to work on UTC time, as is the data browser.

Are you still having trouble getting your files to Stanford? If so,
check your security settings. Sometimes there is a fire wall you'll
need to take down. And, if you let me know at what time you have tried
to ftp the files, I can check our ftp log here to see if they are coming in.

Deborah

On 5/5/15 7:06 PM, ebf306@... [Super_SID] wrote:
> [Attachment(s) <#TopText> from ebf306@... [Super_SID] included below]
>
> Several questions
>
> 1.
>
> I noticed the time display at the bottom left corner, just before
> the station call signs, is always 8 hours behind my time of CDT.I
> have adjusted the config file several times to my time zone and it
> doesn’t seem to matter what I put in the file.It is always -8
> hours.What is that supposed to be?
>
> 2.
>
> How do I know if my supersid is working properly? I have
> uploaded my latest plot from today that looks like it might have
> caught today's flare.
>
> 3.
>
> I set my station to upload automatically but when I look in the
> FTP directory I don’t see them.
>
> 4.
>
> I see some really cool graphs that look nothing like the auto
> generated one plot that comes with the program.Are there other
> plot graphs available?
>
> Thanks
>
>

1655. Re: [Super_SID] Several Questions [1 Attachment]

Yahoo group: Super_SID
Date: 2015-05-09 01:07:58 UTC
From: ebf306@...
Topic: 1651 Message: 1655
Attachments: 1 described; binary payloads are missing from this source WARC

My directory structure is similar c:\supersid\config. Attached is my config file. I installed the new version and adjusted the config file as well.

I tried an upload at ~8pm CDT on 5/8/15

Thanks for the assistance
-earl

1656. Re: [Super_SID] Several Questions [1 Attachment]

Yahoo group: Super_SID
Date: 2015-05-09 17:41:44 UTC
From: Deborah Scherrer
Topic: 1651 Message: 1656

I have no record of your data coming in yesterday. Also, the
"automatic_upload" value in your config file is set to "no". Might try
setting that to "yes" and trying again.

Deborah

On 5/8/15 6:07 PM, ebf306@... [Super_SID] wrote:
> [Attachment(s) <#TopText> from ebf306@... [Super_SID] included below]
>
> My directory structure is similar c:\supersid\config. Attached is my
> config file. I installed the new version and adjusted the config file
> as well.
>
>
> I tried an upload at ~8pm CDT on 5/8/15
>
>
> Thanks for the assistance
>
> -earl
>
>

1657. Re: [Super_SID] Several Questions [1 Attachment]

Yahoo group: Super_SID
Date: 2015-05-10 01:37:14 UTC
From: ebf306@...
Topic: 1651 Message: 1657

I manually ran the upload program yesterday. I set the auto upload to on so it should have ran already tonight.

1658. Re: [Super_SID] Several Questions

Yahoo group: Super_SID
Date: 2015-05-10 03:25:01 UTC
From: Eric Gibert
Topic: 1651 Message: 1658

What program version are you running?

On 05/10/2015 09:37 AM, ebf306@... [Super_SID] wrote:
>
> I manually ran the upload program yesterday. I set the auto upload
> to on so it should have ran already tonight.
>
>

1659. Re: [Super_SID] Several Questions

Yahoo group: Super_SID
Date: 2015-05-10 16:28:17 UTC
From: ebf306@...
Topic: 1651 Message: 1659

Now I am running SuperSID 1.2.2rc2

1660. looking for old SID monitor

Yahoo group: Super_SID
Date: 2015-05-10 17:13:03 UTC
From: Deborah Scherrer
Topic: 1660 Message: 1660

Robert Tucker is looking for one of the old red-box SID monitors. Does anyone have one that he could use?

Thanks.
Debbie

1661. Re: [Super_SID] looking for old SID monitor

Yahoo group: Super_SID
Date: 2015-05-10 17:56:39 UTC
From: Frank
Topic: 1660 Message: 1661

I was at some point too when I first started out, could't find one anywhere. Good luck in the search.

Frank

----- Original Message -----
From: Deborah Scherrer dscherrer@... [Super_SID]
To: Super_SID@yahoogroups.com
Cc: Robert L Tucker
Sent: Sunday, May 10, 2015 1:13 PM
Subject: [Super_SID] looking for old SID monitor

Robert Tucker is looking for one of the old red-box SID monitors. Does anyone have one that he could use?

Thanks.
Debbie

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

1662. SID data back up

Yahoo group: Super_SID
Date: 2015-05-18 15:46:41 UTC
From: Deborah Scherrer
Topic: 1662 Message: 1662

Problems caused the the lightning strike at Stanford have been fixed and the SID server is back up.

Debbie

1663. Re: [Super_SID] SID data back up

Yahoo group: Super_SID
Date: 2015-05-20 05:29:09 UTC
From: Jon Caples
Topic: 1662 Message: 1663

Can't keep a good SID down? Couldn't resist...
Jon Caples

From: "Deborah Scherrer dscherrer@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Monday, May 18, 2015 9:46 AM
Subject: [Super_SID] SID data back up

  Problems caused the the lightning strike at Stanford have been fixed and the SID server is back up.

Debbie

1664. SARA Conference

Yahoo group: Super_SID
Date: 2015-06-09 16:46:11 UTC
From: WILLIAM & MELINDA LORD
Topic: 1664 Message: 1664

There is still time to register for the SARA conference. If you plan to attend and go on the Hi-Tech tour you will need to go to this website and fill out the information: https://info.nrao.edu/oas/dpscomplianceThe conference will be held in the Jansky Lab. More information about the conference can be found at 2015 Annual Conference Information | Society of Amateur Radio Astronomers

| |
| | | | | |
| 2015 Annual Conference Information | Society of Amateur Radio AstronomersSARA Conference 21 June - 24 June 2015 2015 Registration Fees and Lodging 2015 Registration Form Map/Directions to NRAO Green Bank, WV 2015 SARA Tentative Conference Schedule |
| |
| View on www.radio-astronomy.org | Preview by Yahoo |
| |
| |

Bill & Melinda Lord
www.tnSkyNet.com
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1665. FW: supersid.exe crash on remote desktop connection

Yahoo group: Super_SID
Date: 2015-07-01 16:40:43 UTC
From: Keith Payea
Topic: 1665 Message: 1665
Attachments: 2 described; binary payloads are missing from this source WARC

Hello All:

Have any of you had experience with remote access for SuperSID? The problem is described below.

Thanks,

Keith

From: Aad van der Kooij [mailto:A.vanderKooij@...]
Sent: Tuesday, June 30, 2015 08:04
To: kbpayea@...
Cc: Arie Taal - TNW
Subject: supersid.exe crash on remote desktop connection

Keith,

Is this 'problem' familiar:

Supersid v1.1.exe is running on a Windows7 workstation on our VLAN.

I want to remotely access the system (with the user that is logged on and running supersid.exe), but upon connection wxPyton throws a bunch of errors (see attached)

There is a simple solution. leave the system alone (I will for the next two days, once I have visited the outstation and restarted susersid), but maybe the software people recognise the problem and have a solution.

cid:image003.jpg@01D0B356.C4BB6840

The second question is about frequencies visible in the spectrum. I have labelled the peaks manually from the supersid frequency display.

cid:image004.jpg@01D0B356.C4BB6840

I have to look into this to match to known stations and to get the config file conform, because at the moment it is not displaying station names.

I'am afraid that this also will fail to produce data files (since that is per station name)

Next I will walk the walk of shame, because I crashed the system (again) and wait at least 24 hours before I have a look at (possible) data produced.

Kind Regards, Aad

1666. RE: [Super_SID] FW: supersid.exe crash on remote desktop connection

Yahoo group: Super_SID
Date: 2015-07-09 16:55:36 UTC
From: Terry Trees
Topic: 1665 Message: 1666
Attachments: 4 described; binary payloads are missing from this source WARC

Hi,

I’m brand-new to SuperSID, know very little, so my advice may be way out of line, but…

I do log-on remotely to the SuperSID PC using the free version of TeamViewer. <https://www.teamviewer.com/en/index.aspx>

No issues that I can tell…

Terry

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, July 1, 2015 12:41 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] FW: supersid.exe crash on remote desktop connection

Hello All:

Have any of you had experience with remote access for SuperSID? The problem is described below.

Thanks,

Keith

From: Aad van der Kooij [mailto:A.vanderKooij@...]
Sent: Tuesday, June 30, 2015 08:04
To: kbpayea@...
Cc: Arie Taal - TNW
Subject: supersid.exe crash on remote desktop connection

Keith,

Is this ‘problem’ familiar:

Supersid v1.1.exe is running on a Windows7 workstation on our VLAN.

I want to remotely access the system (with the user that is logged on and running supersid.exe), but upon connection wxPyton throws a bunch of errors (see attached)

There is a simple solution… leave the system alone (I will for the next two days, once I have visited the outstation and restarted susersid), but maybe the software people recognise the problem and have a solution.

cid:image003.jpg@01D0B356.C4BB6840

The second question is about frequencies visible in the spectrum. I have labelled the peaks manually from the supersid frequency display.

cid:image004.jpg@01D0B356.C4BB6840

I have to look into this to match to known stations and to get the config file conform, because at the moment it is not displaying station names.

I’am afraid that this also will fail to produce data files (since that is per station name)

Next I will walk the walk of shame, because I crashed the system (again) and wait at least 24 hours before I have a look at (possible) data produced.

Kind Regards, Aad

1667. Re: [Super_SID] FW: supersid.exe crash on remote desktop connection

Yahoo group: Super_SID
Date: 2015-07-09 18:26:11 UTC
From: Jaap Akkerhuis
Topic: 1665 Message: 1667

>
> I want to remotely access the system (with the user that is logged on and running supersid.exe), but upon connection wxPyton throws a bunch of errors (see attached)

No, I have never seen that …

>
> The second question is about frequencies visible in the spectrum. I have labelled the peaks manually from the supersid frequency display.
>
>
> I have to look into this to match to known stations and to get the config file conform, because at the moment it is not displaying station names.

I has never displayed the station names in the spectrum plot.

> I’am afraid that this also will fail to produce data files (since that is per station name)

If you look closely at the picture, you'll notice that names of the stations in the bottom. However, since it sys IO Error while it is capturing data so my guess is that there is indeed not a lot of data.

You might want to try a newer version (latest is 1.2.2rc4) which uses also new libraries including wxPython.

jaap

1668. Re: [Super_SID] FW: supersid.exe crash on remote desktop connection

Yahoo group: Super_SID
Date: 2015-07-12 19:12:32 UTC
From: aadvdkooij@...
Topic: 1665 Message: 1668
Attachments: 1 described; binary payloads are missing from this source WARC

Turned out, that the problem is Microsoft (again-)). Windows 7 Pro is only licensed to be accessed by one concurrent user, so the moment you make a remote connection the desktop user is logged out. (even when it is the same account). The running supersid.exe PID is killed and loses its stdxx devices, the last thing you see is the error on the (new) desktop. There are ways to get at the data however by (illegally) extending the number of allowed (remote) concurrent users or using third party solutions (Teamviewer, PCAnywhere). The system is now up and running, and in a week or so, we will have a good look at the data collected before starting the FTP upload. I might have to consult the forum experts on that.
In the mean time some different antenna setups will be prepared for evaluation at our site (to replace the quick and dirty 'mobile' antenna- see attached picture)
Also in the works are a RaspberryPi - with USB audio adapter - station, looking at options to provide a public audio stream and a server to store intermidiate data for local use.

Aad

1669. Re: Info on the Stanford implementation of a data quality algorithm

Yahoo group: Super_SID
Date: 2015-07-13 17:08:59 UTC
From: aadvdkooij@...
Topic: 1636 Message: 1669
Attachments: 1 described; binary payloads are missing from this source WARC

bettter late than never ... the pdf downloaded fine now and is attached

regards, Aad

1670. Preliminary Results of Solar Flare Induced D-Region Perturbations over UKM Using Stanford AWESOME Receiver

Yahoo group: Super_SID
Date: 2015-07-17 19:08:12 UTC
From: Deborah Scherrer
Topic: 1670 Message: 1670

Newly published: Preliminary Results of Solar Flare Induced D-Region Perturbations over UKM Using Stanford AWESOME Receiver

http://www.scirp.org/journal/PaperInformation.aspx?PaperID=56218&utm_campaign=Paper&utm_source=e_nl&utm_medium=jamp_20150629_qixiaoqian_1_32059#.ValSHLd63Sc

Let me know if you cannot access the paper. Stanford can access virtually everything, but I can never tell what might be closed to other folks.

Debbie

1671. Re: [Super_SID] Preliminary Results of Solar Flare Induced D-Region Perturbations over UKM Using Stanford AWESOME Receiver

Yahoo group: Super_SID
Date: 2015-07-17 21:24:46 UTC
From: Jack Gross
Topic: 1670 Message: 1671

Looks very interesting John. I have downloaded and saved for later to study.
Sorry I missed your call …we had to go grocery shopping and stopped at Wendy's to eat supper.
Will try and follow your call/email, I'll probably screw it up …

> On Jul 17, 2015, at 3:08 PM, Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Newly published: Preliminary Results of Solar Flare Induced D-Region
> Perturbations over UKM Using Stanford AWESOME Receiver
>
> http://www.scirp.org/journal/PaperInformation.aspx?PaperID=56218&utm_campaign=Paper&utm_source=e_nl&utm_medium=jamp_20150629_qixiaoqian_1_32059#.ValSHLd63Sc <http://www.scirp.org/journal/PaperInformation.aspx?PaperID=56218&utm_campaign=Paper&utm_source=e_nl&utm_medium=jamp_20150629_qixiaoqian_1_32059#.ValSHLd63Sc>
>
> Let me know if you cannot access the paper. Stanford can access
> virtually everything, but I can never tell what might be closed to other
> folks.
>
> Debbie
>
>
>

1672. Help

Yahoo group: Super_SID
Date: 2015-07-18 17:14:53 UTC
From: Jack Gross
Topic: 1672 Message: 1672

Eric,
After many hours of frustration, it appears that the program cannot find the sound device (Device) which is in slot 1. So perhaps I am confused me is the “sss” “ddd” in the instructions. Could you tell me what that is please?
Specific supersid.cfg Entry
A new optional section for specific capture needs can be declared in Config/supersid.cfg.
[Capture]
# Default is Audio=pyaudio
Audio=alsaaudio
Card=External
PeriodSize=128
Card
Specify which sound card to use. To know which sound card are recognized on your Linux box uses:
> ls -l /proc/asound/
sss
ddd
PeriodSize
Number of frame ... If too big then error error message will be returned.

John has the program working with the new 96000 dongle in the old Raspi program (collecting data), so there is some progress.
We thank you for any suggestions.
Jack

1673. Fwd: Blue Ridge Vineyards, July 25

Yahoo group: Super_SID
Date: 2015-07-21 06:23:35 UTC
From: Jack Gross
Topic: 1673 Message: 1673

John,
Roger and I have gone to this outreach event. The wine is crap (my opinion) and the band they get is mediocre (again my opinion). But, we get in free ... I think I can get my 10 inch dob in the car - and a passenger - BTW, I don't drink and drive - so if you are interested let me know. Roger (or maybe Roger's wife, is committed to something else, so I probably would not go, unless you would like the chance to look thru several different telescopes. And yes, it
will depend on the weather. It is fun to hear folks say "WOW"
Jack

Sent from my iPad

Begin forwarded message:

> From: John Goss <goss.john@...>
> Date: July 19, 2015 at 2:05:59 PM EDT
> To: Jack Gross <jack144@...>, Roger Yeager <currentcon@...>
> Subject: Blue Ridge Vineyards, July 25
>
> Hi Jack and Roger,
>
> Blue Ridge Vineyard (http://www.blueridgevineyard.com), between Eagle Rock and Buchanan, will be the site of a public session on July 25. The first quarter moon will be next to Saturn and Venus will be visible right after sunset as a thin crescent. Observing would begin shortly after 8 p.m. and last until 10 or so. Of course, this is weather permitting...
>
> Please let me know if you would like to join in.
>
> Clear skies,
>
> John Goss
>

1674. Re: [Super_SID] Fwd: Blue Ridge Vineyards, July 25

Yahoo group: Super_SID
Date: 2015-07-21 09:59:01 UTC
From: John Cowlbeck
Topic: 1673 Message: 1674

Would like to go but we have company coming for the weekend.Thanks
 John

Be kinder than necessary, for everyone you meet is fighting some kind of
battle

JohnCowlbeck@...

540-586-8042 Home
540-871-0636 Cell
From: "Jack Gross jack144@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "John Cowlbeck johncowlbeck@..." <Super_SID@yahoogroups.com>
Sent: Tuesday, July 21, 2015 2:23 AM
Subject: [Super_SID] Fwd: Blue Ridge Vineyards, July 25

  John, Roger and I have gone to this outreach event. The wine is crap (my opinion) and the band they get is mediocre (again my opinion). But, we get in free ... I think I can get my 10 inch dob in the car - and a passenger - BTW, I don't drink and drive - so if you are interested let me know. Roger (or maybe Roger's wife, is committed to something else, so I probably would not go, unless you would like the chance to look thru several different telescopes. And yes, it will depend on the weather. It is fun to hear folks say "WOW"Jack

Sent from my iPad
Begin forwarded message:

From: John Goss <goss.john@...>
Date: July 19, 2015 at 2:05:59 PM EDT
To: Jack Gross <jack144@...>, Roger Yeager <currentcon@...>
Subject: Blue Ridge Vineyards, July 25

Hi Jack and Roger,
Blue Ridge Vineyard (http://www.blueridgevineyard.com), between Eagle Rock and Buchanan, will be the site of a public session on July 25. The first quarter moon will be next to Saturn and Venus will be visible right after sunset as a thin crescent. Observing would begin shortly after 8 p.m. and last until 10 or so. Of course, this is weather permitting...

Please let me know if you would like to join in.
Clear skies,
John Goss

1675. SuperSID - New Version?

Yahoo group: Super_SID
Date: 2015-07-21 18:39:03 UTC
From: Terry Trees
Topic: 1675 Message: 1675

Hi,

How can I periodically check to see if my version of SuperSID is the current one?

Thanks.

Terry

Sent from my iPhone

1676. New User Introduction

Yahoo group: Super_SID
Date: 2015-07-27 14:38:50 UTC
From: trtags@...
Topic: 1676 Message: 1676
Attachments: 2 described; binary payloads are missing from this source WARC

Hello
I represent a new Super SID user group at West Chester University, PA and the Chester County Astronomical Society. We are having a few problems getting up and running and would appreciate some recommendations to solve these issues.

Our first problem was getting the system running on a laptop computer. We soon realized that the sound card was not adequate. We bought an external sound card "Sound Blaster® X-Fi™ HD / Digital Music Premium HD". This is a quality product but we have some connectivity issues. There are several inputs, a microphone input, 7 mm (1/4-inch) mono jack, a line-in jack and phono-in jacks both of which are RCA type, and an optical S/PDIF input port. The mic input is a 7 mm (1/4-inch) mono jack, which is too large for the miniature jack output from the SID pre-amp. The line-in and phono-in jacks are RCA types. There is also an optical S/PDIF input. We need to find proper adapters to make these connections work. WE also need to know which input is the best choice when using this product.

Until we sort out the laptop problems, we have connected the SID monitor to a desktop , WIN7, with an adequate (96K) sound card. We installed the software (1.2.2rc1). The preamp was connected to the USB port and the mic input of the sound card. We started up the software and we "appear" to be generating the classical frequency spectrum.

Questions:

Since we eventually will use the laptop how can we solve the connectivity problem?

How can we determine if out plot is actually "real" data?

I have attached our config file and a screen shot of the plot.

many thanks,

Frank

1677. Re: [Super_SID] New User Introduction [2 Attachments]

Yahoo group: Super_SID
Date: 2015-07-27 16:23:34 UTC
From: Steve Berl
Topic: 1676 Message: 1677

You should look at a local Radio Shack, Guitar Center, or similar store for the proper adapters to connect your SuperSID receiver to the sound card. You probably want to plug it into the microphone input.

In your config file, the latitude and longitude are incorrect. It says you are in the Barents Sea someplace between Finland and the North Pole. :-) I think you are actually at:

latitude = 40.0167
longitude = -75.6833

The minus sign is important.

Make sure your monitor_id exactly matches what is on your actual monitor.

You might want to pick a shorter site name, maybe something 10 characters or less. You will quickly get tired of typing that long name in when doing searches on the web site. Go to http://sid.stanford.edu/database-browser/ and browse the data to make sure the site name you pick is unique. You can click the "Browse Data By Monitor" link and type your name in the search box to see if anything else pops up. Once you have a name tell us on this email list.

The spectrum plot doesn't look good. Did you have the antenna attached when you made the plot? What does your antenna look like?

Have fun,

-steve

On Mon, Jul 27, 2015 at 7:38 AM, trtags@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#14ed02bd4d57c966_TopText> from trtags@...
> [Super_SID] included below]
>
> Hello
>
> I represent a new Super SID user group at West Chester University, PA and
> the Chester County Astronomical Society. We are having a few problems
> getting up and running and would appreciate some recommendations to solve
> these issues.
>
>
> Our first problem was getting the system running on a laptop computer. We
> soon realized that the sound card was not adequate. We bought an external

> sound card "Sound Blaster® X-Fi™ HD / Digital Music Premium HD". This is
> a quality product but we have some connectivity issues. There are several
> inputs, a microphone input, 7 mm (1/4-inch) mono jack, a line-in jack
> and phono-in jacks both of which are RCA type, and an optical S/PDIF input
> port. The mic input is a 7 mm (1/4-inch) mono jack, which is too large for
> the miniature jack output from the SID pre-amp. The line-in and phono-in
> jacks are RCA types. There is also an optical S/PDIF input. We need to
> find proper adapters to make these connections work. WE also need to know
> which input is the best choice when using this product.
>
>
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> to a desktop , WIN7, with an adequate (96K) sound card. We installed the
> software (1.2.2rc1). The preamp was connected to the USB port and the mic
> input of the sound card. We started up the software and we "appear" to be
> generating the classical frequency spectrum.
>
>
> Questions:
>
>
> Since we eventually will use the laptop how can we solve the connectivity
> problem?
>
>
> How can we determine if out plot is actually "real" data?
>
>
>
> I have attached our config file and a screen shot of the plot.
>
>
> many thanks,
>
>
> Frank
>
>
>
>
>
>

--
-steve

1678. RE: [Super_SID] New User Introduction [2 Attachments]

Yahoo group: Super_SID
Date: 2015-07-27 16:26:25 UTC
From: Keith Payea
Topic: 1676 Message: 1678
Attachments: 3 described; binary payloads are missing from this source WARC

Hi:

You might find some of these adapters at your local Sprint/Radio Shack store, but their on-line catalog isn't live yet so I'm not sure.

First, I would find a 3/5mm (1/8" ish) stereo jack to two RCA plug adapter:

http://www.parts-express.com/dual-rca-male-to-35mm-stereo-female-y-adapter-audio-cable--240-070

Then, also get an RCA jack to ¼" mono plug adapter like this one:

http://www.parts-express.com/parts-express-rca-jack-to-1-4-mono-plug-adapter--090-285

The reason for both is that the input gain may be different (less) on the line input than on the microphone input.

Plug your pre-amp into the stereo RCA adapter and plug the red (right) side RCA plug into the line input on your sound card. If you can't turn the gain up high enough to get a signal, connect the RCA plug from the adapter into the RCA to ¼" adapter and plug that into the microphone input instead.

You will probably have to run the system overnight a few times to know for sure. The signals can be very low during the day.

Cheers,

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Monday, July 27, 2015 07:39
To: Super_SID@yahoogroups.com
Subject: [Super_SID] New User Introduction [2 Attachments]

[Attachment(s) from trtags@... [Super_SID] included below]

Hello

I represent a new Super SID user group at West Chester University, PA and the Chester County Astronomical Society. We are having a few problems getting up and running and would appreciate some recommendations to solve these issues.

Our first problem was getting the system running on a laptop computer. We soon realized that the sound card was not adequate. We bought an external sound card "Sound Blaster® X-Fi™ HD / Digital Music Premium HD". This is a quality product but we have some connectivity issues. There are several inputs, a microphone input, 7 mm (1/4-inch) mono jack, a line-in jack and phono-in jacks both of which are RCA type, and an optical S/PDIF input port. The mic input is a 7 mm (1/4-inch) mono jack, which is too large for the

miniature jack output from the SID pre-amp. The line-in and phono-in jacks are RCA types. There is also an optical S/PDIF input. We need to find proper adapters to make these connections work. WE also need to know which input is the best choice when using this product.

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Questions:

Since we eventually will use the laptop how can we solve the connectivity problem?

How can we determine if out plot is actually "real" data?

I have attached our config file and a screen shot of the plot.

many thanks,

Frank

1679. Re: [Super_SID] New User Introduction [2 Attachments]

Yahoo group: Super_SID
Date: 2015-07-27 20:40:46 UTC
From: trtags@...
Topic: 1676 Message: 1679
Attachments: 2 described; binary payloads are missing from this source WARC

Hello Steve,

We have made the following mods:

1. got the adapter at RS and now have the pre-amp plugged into the microphone input of the sound card.

2. changed config file longitude from 75 to -75.

3. we looked for a monitor number to verify the one in the config. The only number we found was the number (9100) stamped into the bottom of the metal can, which is different than the number (9992) on the printout we received (highlighted in yellow). Which number should be used?

Have attached the new config and new plot.

The plot looks much different now. Can you provide further comment?

Thanks, Frank

1680. RE: [Super_SID] New User Introduction [2 Attachments]

Yahoo group: Super_SID
Date: 2015-07-27 21:08:32 UTC
From: Keith Payea
Topic: 1676 Message: 1680
Attachments: 3 described; binary payloads are missing from this source WARC

Hi Frank:

First for a little administrivia. Should we put your email address in our database as the primary contact? I have angelfj@... as the original email address.

It's hard to argue with the number stamped in the metal of the preamp… Our records must have gotten a little messed up. I'll fix that too and show that you have #9100. Now I need to figure out who has #9992.

Looking at the plot you uploaded, I would say that the sample rate is not set to 96KHz. The sound card drivers usually default to 44.1KHz, and then the plot looks like yours.

I'm glad you could get the adapters at RS. My laptop came with one of those 3.5mm 4 conductor jacks with a combination of mic and headphone signals on it. I had to order an adapter on-line.

From your location, you can probably hear some other stations. Once we get things working for you, you could try adding the other USA stations back into your config file and see how they look.

Cheers,

Keith

Keith Payea, AG6CI

SARA SuperSID Coordinator

kbpayea@... <blocked::mailto:kpayea@...>

www.bryantlabs.net <blocked::http://www.bryantlabs.net/>

(707) 566-8935

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Monday, July 27, 2015 13:41
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] New User Introduction [2 Attachments]

[Attachment(s) from trtags@... [Super_SID] included below]

Hello Steve,

We have made the following mods:

1. got the adapter at RS and now have the pre-amp plugged into the microphone input of the sound card.

2. changed config file longitude from 75 to -75.

3. we looked for a monitor number to verify the one in the config. The only number we found was the number (9100) stamped into the bottom of the metal can, which is different than the number (9992) on the printout we received (highlighted in yellow). Which number should be used?

Have attached the new config and new plot.

The plot looks much different now. Can you provide further comment?

Thanks, Frank

1681. RE: [Super_SID] New User Introduction [2 Attachments]

Yahoo group: Super_SID
Date: 2015-07-27 22:17:29 UTC
From: trtags@...
Topic: 1676 Message: 1681

Hello Keith and thanks for the reply.

Sure you can add my email. That would make communications easier.

I'll check the sampling rate and set to 96K. I'll be awaiting instructions regarding the ID mixup.

Best regards, Frank

1682. RE: [Super_SID] New User Introduction

Yahoo group: Super_SID
Date: 2015-07-27 23:34:35 UTC
From: Keith Payea
Topic: 1676 Message: 1682
Attachments: 3 described; binary payloads are missing from this source WARC

Hi Frank:

Regarding the ID, use the one stamped on your device: 9100.

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Monday, July 27, 2015 15:17
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] New User Introduction

Hello Keith and thanks for the reply.

Sure you can add my email. That would make communications easier.

I'll check the sampling rate and set to 96K. I'll be awaiting instructions regarding the ID mixup.

Best regards, Frank

1683. RE: [Super_SID] New User Introduction

Yahoo group: Super_SID
Date: 2015-07-28 00:47:28 UTC
From: trtags@...
Topic: 1676 Message: 1683
Attachments: 2 described; binary payloads are missing from this source WARC

Hello Keith and thank you for your reply.

I have modified the config file.

I have verified that the sound card is set at 96 K hertz sampling rate.

Using microphone input - gain on max.

New plot looks a little like others I have seen on the Stanford web site, but there is considerable noise (I think).

BTW, our loop antenna is approx. 36 inches square with 50 turns of magnet wire.

I realize that a large antenna would give us higher signal strength but will the SNR go down or stay the same?

Best regards, Frank

1684. RE: [Super_SID] New User Introduction [2 Attachments]

Yahoo group: Super_SID
Date: 2015-07-28 02:35:23 UTC
From: Keith Payea
Topic: 1676 Message: 1684
Attachments: 3 described; binary payloads are missing from this source WARC

Yes, there is some noise. You can try adjusting the gain down, which may help if there is a strong signal getting clipped and causing some of those spikes.

Your antenna is much like mine. Larger area does help, if you have the room.

But, I think I see signals at around 24KHz (NAA) and 25.2KHz(NML). Given the noise level, I don’t think more antenna will help. You might try experimenting with the orientation to see if you can null out the noise.

Now, just let it run a few days and see if you get classic sunrise/sunset signals on your daily plots.

Have fun,

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Monday, July 27, 2015 17:47
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] New User Introduction [2 Attachments]

[Attachment(s) from trtags@... [Super_SID] included below]

Hello Keith and thank you for your reply.

I have modified the config file.

I have verified that the sound card is set at 96 K hertz sampling rate.

Using microphone input - gain on max.

New plot looks a little like others I have seen on the Stanford web site, but there is considerable noise (I think).

BTW, our loop antenna is approx. 36 inches square with 50 turns of magnet wire.

I realize that a large antenna would give us higher signal strength but will the SNR go down or stay the same?

Best regards, Frank

1685. Re: [Super_SID] New User Introduction [2 Attachments]

Yahoo group: Super_SID
Date: 2015-07-28 02:42:49 UTC
From: William D'Agostino
Topic: 1676 Message: 1685

Hi Keith and the group,

I also had a lot of radio noise at my location in Connecticut, USA, and I made two changes which helped my SuperSID VLF reception at my location:

First, I have a similar loop antenna, and I connected a ground wire to the coax shield connection at the loop antenna terminals and connected this ground wire to a six foot ground rod driven into the earth. Grounding the coax shield at the antenna made a significant signal improvement at my location while monitoring NAA at 24 kHz.

Second, I added a 0.0047 uF capacitor across the terminals at the loop antenna and this made a smaller additional 2 db improvement in the NAA signal at 24 kHz. A typical ceramic disk 0.0047 uF capacitor is usually labeled "E472M" or similar. You may have to try different capacitor values to see which works best for your loop antenna, location, and VLF station which you're trying to monitor.

I hope these suggestions are helpful. Good luck!

William D'Agostino
WB1DMK

> On Jul 27, 2015, at 8:47 PM, trtags@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> [Attachment(s) from trtags@... [Super_SID] included below]
> Hello Keith and thank you for your reply.
>
> I have modified the config file.
>
> I have verified that the sound card is set at 96 K hertz sampling rate.
>
> Using microphone input - gain on max.
>
> New plot looks a little like others I have seen on the Stanford web site, but there is considerable noise (I think).
>
> BTW, our loop antenna is approx. 36 inches square with 50 turns of magnet wire.
>
> I realize that a large antenna would give us higher signal strength but will the SNR go down or stay the same?
>
> Best regards, Frank
>
>
>
>
>

1686. RE: [Super_SID] New User Introduction [2 Attachments]

Yahoo group: Super_SID
Date: 2015-07-28 10:55:19 UTC
From: trtags@...
Topic: 1676 Message: 1686

Good morning group!

Super Sid has been running all night. Why isn't there any data in our data folder?

Regards,

Frank

1687. RE: [Super_SID] New User Introduction [2 Attachments]

Yahoo group: Super_SID
Date: 2015-07-28 11:06:57 UTC
From: trtags@...
Topic: 1676 Message: 1687

Doh!!!

I had to change permission for the data directory. It id now working correctly.

Sorry!!!

Frank

1688. Re: [Super_SID] New User Introduction [2 Attachments]

Yahoo group: Super_SID
Date: 2015-07-28 14:11:49 UTC
From: trtags@...
Topic: 1676 Message: 1688

"Second, I added a 0.0047 uF capacitor across the terminals at the loop antenna and this made a smaller additional 2 db improvement in the NAA signal at 24 kHz."

William, I intend to try that. How did you arrive at that value of capacitance? Have you given any thought to a variable , tuning type capacitor?

Regards,

Frank

1689. Re: [Super_SID] New User Introduction

Yahoo group: Super_SID
Date: 2015-07-28 15:57:17 UTC
From: William D'Agostino
Topic: 1676 Message: 1689

Hi Frank and the group,
I have to give all credit to Bob Sickels, author of the RadioAstronomy Handbook. In his chapterconcerning VLF detection of solar flares, he described building a similar loopantenna to the SuperSID loop antenna, and he recommended grounding the coax shieldat the loop antenna and adding a 0.0047 uF capacitor across the terminals at theantenna. The radio detector described bySickels was tuned to 40 kHz instead of 24 kHz, so I'm assuming he selected thecapacitor to resonate the loop near the desired frequency. Ifound that grounding my SuperSID loop antenna made a significant improvementwith respect to local noise in my area. I tried several different capacitor values including a variable capacitor,and with respect to my antenna set-up and location, the 0.0047 uF worked thebest for me. You may find a bettercapacitor value for your antenna, but Sickels' recommendation added 2 dbimprovement for my station. I hope this informationis helpful.

Thanks,William D'AgostinoWB1DMK

On Tuesday, July 28, 2015 10:21 AM, "trtags@yahoo.com [Super_SID]" <Super_SID@yahoogroups.com> wrote:

> "Second, I added a 0.0047 uF capacitor across the terminals at the loop antenna and this made a smaller additional 2 db improvement in the NAA signal at 24 kHz."

William, I intend to try that. How did you arrive at that value of capacitance? Have you given any thought to a variable , tuning type capacitor?

Regards,

Frank

1690. Re: [Super_SID] New User Introduction

Yahoo group: Super_SID
Date: 2015-07-31 14:47:06 UTC
From: trtags@...
Topic: 1676 Message: 1690
Attachments: 1 described; binary payloads are missing from this source WARC

Back to the Drawing Board???

OK This morning I had a revelation! I was moving the laptop, sound card and pre-amp (SSID) so I could tidy up a little. I inadvertently disconnected the antenna input to the pre-amp. I noticed that the plot didn't change much. Then I thought I should restart everything from scratch to be sure I hadn't introduced some other variable.

I disconnected every thing and restarted the laptop. I checked the sound card settings and verified the sampling rate of 96 KHz. Then I checked the antenna connections outside to be sure nothing was disconnected or shorted. I reconnected the antenna, sound card and USB inputs to the SSID. Then the USB cables from the sound card and SSID were connected to the laptop. Finally I checked the config file and then started the SSID program. Note: The antenna was disconnected and connected at the SID.

Attached are the frequency plot with and without the antenna connected. Not much difference. The plot with the antenna looks the same except for less noise.

So, have I been under the illusion that I had a functional SSID? Has something failed or never been functional from the get go? Could the SSID pre-amp be bad and is there a simple way to test it? Is my antenna too small or otherwise not within specifications.

Any and all comments/recommendations would be appreciated.

Best regards,

Frank J. Angelini, PE
Chester County Astronomical Society
West Chester University
West Chester, PA

1691. Re: [Super_SID] New User Introduction [1 Attachment]

Yahoo group: Super_SID
Date: 2015-07-31 14:56:34 UTC
From: WILLIAM & MELINDA LORD
Topic: 1676 Message: 1691

Is your sound card recording set to max volume?

Sent from Yahoo Mail on Android

From:"trtags@... [Super_SID]" <Super_SID@...m>
Date:Fri, Jul 31, 2015 at 9:47 AM
Subject:Re: [Super_SID] New User Introduction [1 Attachment]

[Attachment(s) from trtags@... [Super_SID] included below]

Back to the Drawing Board???

OK This morning I had a revelation! I was moving the laptop, sound card and pre-amp (SSID) so I could tidy up a little. I inadvertently disconnected the antenna input to the pre-amp. I noticed that the plot didn't change much. Then I thought I should restart everything from scratch to be sure I hadn't introduced some other variable.

I disconnected every thing and restarted the laptop. I checked the sound card settings and verified the sampling rate of 96 KHz. Then I checked the antenna connections outside to be sure nothing was disconnected or shorted. I reconnected the antenna, sound card and USB inputs to the SSID. Then the USB cables from the sound card and SSID were connected to the laptop. Finally I checked the config file and then started the SSID program. Note: The antenna was disconnected and connected at the SID.

Attached are the frequency plot with and without the antenna connected. Not much difference. The plot with the antenna looks the same except for less noise.

So, have I been under the illusion that I had a functional SSID? Has something failed or never been functional from the get go? Could the SSID pre-amp be bad and is there a simple way to test it? Is my antenna too small or otherwise not within specifications.

Any and all comments/recommendations would be appreciated.

Best regards,

Frank J. Angelini, PE
Chester County Astronomical Society
West Chester University
West Chester, PA

1692. Re: [Super_SID] New User Introduction [1 Attachment]

Yahoo group: Super_SID
Date: 2015-07-31 16:11:03 UTC
From: trtags@...
Topic: 1676 Message: 1692

No, the sound card is set at approx 50%

Also, microphone boost is set to off.

Frank

1693. Re: [Super_SID] New User Introduction [1 Attachment]

Yahoo group: Super_SID
Date: 2015-07-31 16:44:59 UTC
From: Andy
Topic: 1676 Message: 1693

"The plot with the antenna looks the same except for less noise."

The noise isn't precisely less with the antenna. Note the Y axis scale changed. Connecting the antenna fills in the gaps in the plot and raises the overall level.

You could also try it with the antenna disconnected and replaced with a short.

But I'd say the preamp seems to be a big contributor to the noise you see. Maybe it or its power supply is bad. Or maybe the antenna just isn't picking up enough signal.

Andy

1694. Re: [Super_SID] New User Introduction [1 Attachment]

Yahoo group: Super_SID
Date: 2015-07-31 17:43:41 UTC
From: trtags@...
Topic: 1676 Message: 1694

Thanks Andy

I will try a shorted antenna

The power supply for my pre-amp is taken from the laptop USB, but I will try another USB port just to be sure.

Frank

1698. Re: [Super_SID] New User Introduction [1 Attachment]

Yahoo group: Super_SID
Date: 2015-07-31 18:26:55 UTC
From: trtags@...
Topic: 1676 Message: 1698
Attachments: 1 described; binary payloads are missing from this source WARC

The laptop has 4 USB ports, 2 - USB2 and 2 - USB3 and all of them check out OK. I tried a combination of UBS2 and USB3 and nothing looks different.

I shorted the antenna at the antenna terminal block. Here is the resulting plot. Maybe my faith is restored.

Regards, Frank

1699. Re: [Super_SID] New User Introduction

Yahoo group: Super_SID
Date: 2015-07-31 19:44:30 UTC
From: WILLIAM & MELINDA LORD
Topic: 1676 Message: 1699

Turn the sound card to max volume

Sent from Yahoo Mail on Android

From:"trtags@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Fri, Jul 31, 2015 at 12:43 PM
Subject:Re: [Super_SID] New User Introduction

Thanks Andy

I will try a shorted antenna

The power supply for my pre-amp is taken from the laptop USB, but I will try another USB port just to be sure.

Frank

1700. Re: [Super_SID] New User Introduction [1 Attachment]

Yahoo group: Super_SID
Date: 2015-08-01 01:19:46 UTC
From: WILLIAM & MELINDA LORD
Topic: 1676 Message: 1700

Have you turned your sound card volume to max?

At the bottom of this attachment you show NAA with a signal strength of 29.6. It should be much higher- like at least 6 digit number.
Where is your antenna located? Have you tried pointing the edge of the antenna towards NAA? Have you tried to sample data for any other VLF station?
 Bill & Melinda Lord
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "trtags@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, July 31, 2015 1:26 PM
Subject: Re: [Super_SID] New User Introduction [1 Attachment]

  [Attachment(s) from trtags@... [Super_SID] included below] The laptop has 4 USB ports, 2 - USB2 and 2 - USB3 and all of them check out OK. I tried a combination of UBS2 and USB3 and nothing looks different.

I shorted the antenna at the antenna terminal block. Here is the resulting plot. Maybe my faith is restored.

Regards, Frank

1702. Re: [Super_SID] New User Introduction [1 Attachment]

Yahoo group: Super_SID
Date: 2015-08-01 16:53:36 UTC
From: trtags@...
Topic: 1676 Message: 1702
Attachments: 2 described; binary payloads are missing from this source WARC

Hello

Thanks for the reply and suggestions.

The sound sound card microphone input is now at maximum. The microphone boost is on.

The antenna is located just outside my 1st floor office. I have tried different orientations but they do not affect the signal strength much. However currently the frame of the antenna is lined up with a line pointing North East of my location, which is the direction of Cutler, Maine.

I haven't tried to sample any other VLF stations. How would I do this?

Please note attached plot and map.

Thanks, Frank

1703. Re: [Super_SID] New User Introduction [1 Attachment]

Yahoo group: Super_SID
Date: 2015-08-01 19:24:51 UTC
From: WILLIAM & MELINDA LORD
Topic: 1676 Message: 1703

Open the SuperSID Manual to page 74 and it explains how to add stations.

With the sound card volume turned up you are getting a good signal strength. Record for a day or two and then plot your data. It looks like you have a fairly low noise environment. To plot your data, open SSID and go to top left corner, select Plot and then find the file you want to look at.
You can then go the Stanford and compare your data with what others are seeing.
http://sid.stanford.edu/database-browser/ Bill & Melinda Lord
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "trtags@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Saturday, August 1, 2015 11:51 AM
Subject: Re: [Super_SID] New User Introduction [1 Attachment]

[Attachment(s) from trtags@... [Super_SID] included below] Hello

Thanks for the reply and suggestions.

The sound sound card microphone input is now at maximum. The microphone boost is on.

The antenna is located just outside my 1st floor office. I have tried different orientations but they do not affect the signal strength much. However currently the frame of the antenna is lined up with a line pointing North East of my location, which is the direction of Cutler, Maine.

I haven't tried to sample any other VLF stations. How would I do this?

Please note attached plot and map.

Thanks, Frank

1704. Re: [Super_SID] New User Introduction [1 Attachment]

Yahoo group: Super_SID
Date: 2015-08-01 20:25:01 UTC
From: trtags@...
Topic: 1676 Message: 1704

Thank you!

Well I must say I am relieved. It seems that boosting sensitivity was the key to the solution. Looks like adding the additional stations is very straight forward, so we'll give it a try and then try our first upload in a day or two.

Thanks again and best regards.

Frank

1705. Re: New User Introduction from Aurora, CO

Yahoo group: Super_SID
Date: 2015-08-05 20:45:13 UTC
From: jon.caples@...
Topic: 1676 Message: 1705

Hello everyone! We have a growing program here in Aurora, CO called the International Association of Astronomical Studies (IAAS) located in Gateway High School. We share many of the trials and tribulations reported in here and look forward to becoming active participants in solving issues and sharing data soon.

Best regards to all,

Jon Caples
jon.caples@iaas.org

1706. How to get Latest distribution & Mac CrossTalk...

Yahoo group: Super_SID
Date: 2015-08-07 19:28:28 UTC
From: walkau@...
Topic: 1706 Message: 1706

complete noob question here...

i was looking to download the latest distribution from

http://solar-center.stanford.edu/SID/Distribution/SuperSID/
http://solar-center.stanford.edu/SID/Distribution/SuperSID/

and try to see if it runs via CrossTalk on my mac...

I can't seem to download the folder with files...is this an FTP type situation? if so what would be the easiest
way to download

any help/clarification would be appreciated...

niels

1707. Re: [Super_SID] How to get Latest distribution & Mac CrossTalk...

Yahoo group: Super_SID
Date: 2015-08-07 21:39:20 UTC
From: Jack Gross
Topic: 1706 Message: 1707

John,
Recall when I wanted a disk? I had looked at that and had the same problem. Since we should get a new disk with the radio. If not we could ask for the latest version. I'll ask James if there is a way to download the folder ...
James,
Is there a way too copy this folder?
Jack

Sent from my iPad

> On Aug 7, 2015, at 3:28 PM, walkau@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> complete noob question here...
>
>
>
> i was looking to download the latest distribution from
>
>
>
> http://solar-center.stanford.edu/SID/Distribution/SuperSID/
>
>
>
> and try to see if it runs via CrossTalk on my mac...
>
>
>
> I can't seem to download the folder with files...is this an FTP type situation? if so what would be the easiest
>
> way to download
>
>
>
> any help/clarification would be appreciated...
>
>
>
> niels
>
>

1708. Re: [Super_SID] How to get Latest distribution & Mac CrossTalk...

Yahoo group: Super_SID
Date: 2015-08-08 01:49:39 UTC
From: WILLIAM & MELINDA LORD
Topic: 1706 Message: 1708

You can download from this site:
        http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe
        http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe.sha-256
        http://open.nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.2rc2.exe
        http://open.nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.2rc2.exe.sha-256
 Bill & Melinda Lord
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)
From: "walkau@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, August 7, 2015 3:28 PM
Subject: [Super_SID] How to get Latest distribution & Mac CrossTalk...

  complete noob question here...
i was looking to download the latest distribution from http://solar-center.stanford.edu/SID/Distribution/SuperSID/ and try to see if it runs via CrossTalk on my mac...
I can't seem to download the folder with files...is this an FTP type situation? if so what would be the easiestway to download
any help/clarification would be appreciated...
niels

1709. Re: [Super_SID] How to get Latest distribution & Mac CrossTalk...

Yahoo group: Super_SID
Date: 2015-08-08 09:07:20 UTC
From: Jaap Akkerhuis
Topic: 1706 Message: 1709

> On Aug 8, 2015, at 3:49, WILLIAM & MELINDA LORD ap_guardian@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>
>
> You can download from this site:
>
> http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe
> http://open.nlnetlabs.nl/~jaap/SuperSID_Install_1.2.2rc2.exe.sha-256
> http://open.nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.2rc2.exe
> http://open.nlnetlabs.nl/~jaap/SuperSID_NoDoc_1.2.2rc2.exe.sha-256

Note these are Release Candidates (that's why in ends on rc2). You
are better of using the rc5 versions. I'm trying to get out a real
version 1.2.2 ASAP.

jaap

1710. Re: [Super_SID] How to get Latest distribution & Mac CrossTalk...

Yahoo group: Super_SID
Date: 2015-08-09 22:16:24 UTC
From: Deborah Scherrer
Topic: 1706 Message: 1710

I also just put a zipped copy of the SuperSID distribution onto the web:
http://solar-center.stanford.edu/SID/Distribution/SuperSID/supersid_v1_1_1.zip

This is not yet the version that Jaap has, rather the one that is still
being distributed.

Debbie

On 8/7/15 2:39 PM, Jack Gross jack144@... [Super_SID] wrote:
> John,
> Recall when I wanted a disk? I had looked at that and had the same
> problem. Since we should get a new disk with the radio. If not we
> could ask for the latest version. I'll ask James if there is a way to
> download the folder ...
> James,
> Is there a way too copy this folder?
> Jack
>
>
> Sent from my iPad
>
> On Aug 7, 2015, at 3:28 PM, walkau@...
> <mailto:walkau@...> [Super_SID] <Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>> wrote:
>
>> complete noob question here...
>>
>>
>> i was looking to download the latest distribution from
>>
>>
>> http://solar-center.stanford.edu/SID/Distribution/SuperSID/
>>
>> and try to see if it runs via CrossTalk on my mac...
>>
>>
>> I can't seem to download the folder with files...is this an FTP type
>> situation? if so what would be the easiest
>>
>> way to download
>>
>>
>> any help/clarification would be appreciated...
>>
>>
>> niels

>>
>

1711. overclocking

Yahoo group: Super_SID
Date: 2015-08-10 04:13:05 UTC
From: Jack Gross
Topic: 1711 Message: 1711

John,
I overclocked one of the RPs to “medium" “ sudo raspi-config” option 7.
"The RPi can safely overclock to 85 Celsius. If it hits that max then it will auto throttle to the defaults. You really only need cooling if you are hitting 85 Celsius and thus losing performance due to throttling. The RPI boards can even surpass 85 C, but the developers have set that as heat limit for safe operation.”
I watched at my temp. "/opt/vc/bin/vcgencmd measure_temp" it was running about 61to 62 C - so I think that I am good.
Jack

1712. Re: [Super_SID] overclocking

Yahoo group: Super_SID
Date: 2015-08-10 10:53:41 UTC
From: John Cowlbeck
Topic: 1711 Message: 1712

I am running mine on High with a temp of 41.2 C. Mine is not in a case so the temp will be lower with air movement above and below the board.
SuperSid locked up so I rebooted am it is now working.
 John
Be kinder than necessary, for everyone you meet is fighting some kind of battle
JohnCowlbeck@... 540-586-8042 Home 540-871-0636 Cell
From: "Jack Gross jack144@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "John Cowlbeck johncowlbeck@..." <Super_SID@yahoogroups.com>
Sent: Monday, August 10, 2015 12:13 AM
Subject: [Super_SID] overclocking

  John,   I overclocked one of the RPs to “medium" “ sudo raspi-config” option 7. "The RPi can safely overclock to 85 Celsius. If it hits that max then it will auto throttle to the defaults. You really only need cooling if you are hitting 85 Celsius and thus losing performance due to throttling. The RPI boards can even surpass 85 C, but the developers have set that as heat limit for safe operation.”I watched at my temp. "/opt/vc/bin/vcgencmd measure_temp" it was running about 61to 62 C - so I think that I am good.Jack

1713. Re: [Super_SID] Digest Number 623

Yahoo group: Super_SID
Date: 2015-08-11 20:49:06 UTC
From: Wayne Westlake
Topic: 1713 Message: 1713

Jack & John,

Can I ask what model of Pi do you have?

What audio are you using? A USB "card"/dongle or the Wolfson/Cirrus Logic board? Are you running Eric's version of the SuperSid software? Against Python 2 or 3? Are you using a current version of Raspian?

I still very much want to use my Pi but I've given up on trying to get my wolfson card working on a "current" version of Raspian. Cirrus Logic have made it very clear they want to sell but not support the boards. I've heard the Pi's USB ports have timing issues and so wasn't sure how well a USB audio card/dongle would work.

Last thing I want to do is to contribute to the bad data that Deborah is trying to get cleaned up.

How does your data look compared to what others are uploading?

Thanks!

Wayne
P.s. You can overclock your Pi's using the profiles in raspi-config without voiding the warranty as the boards will scale down if max temp is reached. Turbo works great but only on the Pi2.

On Tue, Aug 11, 2015 at 1:59 AM, <Super_SID@yahoogroups.com> wrote:

> [image: Yahoo! Groups]
> <https://groups.yahoo.com/neo;_ylc=X3oDMTJla3B0djV1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQzOTI4MzU5NQ-->
> Stanford & SARA SuperSID Group
> <https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJlZnFva2VhBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDaGRyBHNsawNocGgEc3RpbWUDMTQzOTI4MzU5NQ-->
> 1 Message
> Digest #623
> 1a
> Re: overclocking <#14f1e841815d4347_14f1e8340335f81d_14f1bfcd034cf012_1a> by
> "John Cowlbeck" johncowlbeck
>
> Message
> 1a Re: overclocking
> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1712;_ylc=X3oDMTJycmZ0Z212BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNzEyBHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzE0MzkyODM1OTU->
> Mon Aug 10, 2015 3:53 am (PDT) . Posted by: "John Cowlbeck" johncowlbeck

> <johncowlbeck@...?subject=Re%3A%20overclocking>
> I am running mine on High with a temp of 41.2 C. Mine is not in a case so
> the temp will be lower with air movement above and below the board.
> SuperSid locked up so I rebooted am it is now working.
> John
> Be kinder than necessary, for everyone you meet is fighting some kind of
> battle JohnCowlbeck@... 540-586-8042 Home 540-871-0636 Cell
> From: "Jack Gross jack144@... [Super_SID]" <
> Super_SID@yahoogroups.com>
> To: "John Cowlbeck johncowlbeck@..." <Super_SID@yahoogroups.com>
> Sent: Monday, August 10, 2015 12:13 AM
> Subject: [Super_SID] overclocking
>
> John, I overclocked one of the RPs to “medium" “ sudo
> raspi-config” option 7. "The RPi can safely overclock to 85 Celsius. If it
> hits that max then it will auto throttle to the defaults. You really only
> need cooling if you are hitting 85 Celsius and thus losing performance due
> to throttling. The RPI boards can even surpass 85 C, but the developers
> have set that as heat limit for safe operation.”I watched at my temp.
> "/opt/vc/bin/vcgencmd measure_temp" it was running about 61to 62 C - so I
> think that I am good.Jack
> Reply to sender <johncowlbeck@...?subject=Re%3A%20overclocking> . Reply
> to group <Super_SID@yahoogroups.com?subject=Re%3A%20overclocking> . Reply
> via Web Post
> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1712;_ylc=X3oDMTJy
cTQ2dm12BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNzEyBHNlYw
NkbXNnBHNsawNycGx5BHN0aW1lAzE0MzkyODM1OTU-?act=reply&messageNum=1712> .
> All Messages (2)
> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1711;_ylc=X3oDMTM2Nm
czZmJwBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNzEyBHNlYwNk
bXNnBHNsawN2dHBjBHN0aW1lAzE0MzkyODM1OTUEdHBjSWQDMTcxMQ--> .
> Top ^ <#14f1e841815d4347_14f1e8340335f81d_14f1bfcd034cf012_toc>
> Visit Your Group
> <https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmNjY5dDU3BF9TAzk3MzU5NzE
1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzE0MzkyODM1O
TU->
>
>
> [image: Yahoo! Groups]
> <https://groups.yahoo.com/neo;_ylc=X3oDMTJla3B0djV1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxB
GdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQzOTI4MzU5NQ-->
> • Privacy <https://info.yahoo.com/privacy/us/yahoo/groups/details.html> •
> Unsubscribe <Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe> • Terms
> of Use <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
>

1714. Re: [Super_SID] Digest Number 623

Yahoo group: Super_SID
Date: 2015-08-11 23:37:15 UTC
From: John Cowlbeck
Topic: 1713 Message: 1714

WayneWe are using VIA Tech 96000 dongle with Eric's latest software using python 2.7 on the new pi2. We are not updating Stanford data yet due to radio problems using old ones, waiting for usb version. I have found that their is a timing issue if the raspi usb is under powered .The raspi system has a much cleaner signal than the windows version I am using in a seismic/Sid study I have been running for the last 16 months.If we can help you let us know. John
Be kinder than necessary, for everyone you meet is fighting some kind of battle
JohnCowlbeck@... 540-586-8042 Home 540-871-0636 Cell
From: "Wayne Westlake 24launch@... [Super_SID]" <Super_SID@yahoogroups.com>
To: super_sid@yahoogroups.com
Sent: Tuesday, August 11, 2015 4:49 PM
Subject: Re: [Super_SID] Digest Number 623

  Jack & John,

Can I ask what model of Pi do you have?

What audio are you using? A USB "card"/dongle or the Wolfson/Cirrus Logic board? Are you running Eric's version of the SuperSid software? Against Python 2 or 3? Are you using a current version of Raspian?

I still very much want to use my Pi but I've given up on trying to get my wolfson card working on a "current" version of Raspian. Cirrus Logic have made it very clear they want to sell but not support the boards. I've heard the Pi's USB ports have timing issues and so wasn't sure how well a USB audio card/dongle would work.

Last thing I want to do is to contribute to the bad data that Deborah is trying to get cleaned up.

How does your data look compared to what others are uploading?

Thanks!

Wayne
P.s. You can overclock your Pi's using the profiles in raspi-config without voiding the warranty as the boards will scale down if max temp is reached. Turbo works great but only on the Pi2.

On Tue, Aug 11, 2015 at 1:59 AM, <Super_SID@yahoogroups.com> wrote:

Stanford & SARA SuperSID Group
1 Message
Digest #623 1a Re: overclocking by "John Cowlbeck" johncowlbeck
Message

1a

Re: overclocking

Mon Aug 10, 2015 3:53 am (PDT) . Posted by:

"John Cowlbeck" johncowlbeck
I am running mine on High with a temp of 41.2 C. Mine is not in a case so the temp will be lower with air movement above and below the board.
SuperSid locked up so I rebooted am it is now working.
John
Be kinder than necessary, for everyone you meet is fighting some kind of battle
JohnCowlbeck@... 540-586-8042 Home 540-871-0636 Cell
From: "Jack Gross jack144@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "John Cowlbeck johncowlbeck@..." <Super_SID@yahoogroups.com>
Sent: Monday, August 10, 2015 12:13 AM
Subject: [Super_SID] overclocking

John, I overclocked one of the RPs to “medium" “ sudo raspi-config” option 7. "The RPi can safely overclock to 85 Celsius. If it hits that max then it will auto throttle to the defaults. You really only need cooling if you are hitting 85 Celsius and thus losing performance due to throttling. The RPI boards can even surpass 85 C, but the developers have set that as heat limit for safe operation.”I watched at my temp. "/opt/vc/bin/vcgencmd measure_temp" it was running about 61to 62 C - so I think that I am good.Jack
Reply to sender . Reply to group . Reply via Web Post . All Messages (2) . Top ^ Visit Your Group
• Privacy • Unsubscribe • Terms of Use

1715. Re: [Super_SID] Digest Number 623

Yahoo group: Super_SID
Date: 2015-08-12 05:14:54 UTC
From: Jack Gross
Topic: 1713 Message: 1715

On Tue, Aug 11, 2015 at 4:49 PM, Wayne Westlake 24launch@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Jack & John,
>
> Can I ask what model of Pi do you have?
>
> What audio are you using? A USB "card"/dongle or the Wolfson/Cirrus Logic
> board? Are you running Eric's version of the SuperSid software? Against
> Python 2 or 3? Are you using a current version of Raspian?
>
> I still very much want to use my Pi but I've given up on trying to get my
> wolfson card working on a "current" version of Raspian. Cirrus Logic have
> made it very clear they want to sell but not support the boards. I've
> heard the Pi's USB ports have timing issues and so wasn't sure how well a
> USB audio card/dongle would work.
>
> Last thing I want to do is to contribute to the bad data that Deborah is
> trying to get cleaned up.
>
> How does your data look compared to what others are uploading?
>
> Thanks!
>
>
> Wayne
> P.s. You can overclock your Pi's using the profiles in raspi-config
> without voiding the warranty as the boards will scale down if max temp is
> reached. Turbo works great but only on the Pi2.
>
>
>
> On Tue, Aug 11, 2015 at 1:59 AM, <Super_SID@yahoogroups.com> wrote:
>
>> [image: Yahoo! Groups]
>> <https://groups.yahoo.com/neo;_ylc=X3oDMTJla3B0djV1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIx
BGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQzOTI4MzU5NQ-->
>> Stanford & SARA SuperSID Group
>> <https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJlZnFva2VhBF9TAzk3MzU5Nz
E1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDaGRyBHNsawNocGgEc3RpbWUDMTQzOTI4MzU5
NQ-->
>> 1 Message
>> Digest #623

>> 1a
>> Re: overclocking
>>
<#14f1f21aedfd5ee9_14f1e863801b563d_14f1e841815d4347_14f1e8340335f81d_14f1bfcd034cf012_1a>
by
>> "John Cowlbeck" johncowlbeck
>>
>> Message
>> 1a Re: overclocking
>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1712;_ylc=X3oDMTJyc
mZ0Z212BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNzEyBHNlYwN
kbXNnBHNsawN2bXNnBHN0aW1lAzE0MzkyODM1OTU->
>> Mon Aug 10, 2015 3:53 am (PDT) . Posted by: "John Cowlbeck" johncowlbeck
>> <johncowlbeck@...?subject=Re%3A%20overclocking>
>> I am running mine on High with a temp of 41.2 C. Mine is not in a case so
>> the temp will be lower with air movement above and below the board.
>> SuperSid locked up so I rebooted am it is now working.
>> John
>> Be kinder than necessary, for everyone you meet is fighting some kind of
>> battle JohnCowlbeck@... 540-586-8042 Home 540-871-0636 Cell
>> From: "Jack Gross jack144@... [Super_SID]" <
>> Super_SID@yahoogroups.com>
>> To: "John Cowlbeck johncowlbeck@..." <Super_SID@yahoogroups.com>
>> Sent: Monday, August 10, 2015 12:13 AM
>> Subject: [Super_SID] overclocking
>>
>> John, I overclocked one of the RPs to “medium" “ sudo
>> raspi-config” option 7. "The RPi can safely overclock to 85 Celsius. If it
>> hits that max then it will auto throttle to the defaults. You really only
>> need cooling if you are hitting 85 Celsius and thus losing performance due
>> to throttling. The RPI boards can even surpass 85 C, but the developers
>> have set that as heat limit for safe operation.”I watched at my temp.
>> "/opt/vc/bin/vcgencmd measure_temp" it was running about 61to 62 C - so I
>> think that I am good.Jack
>> Reply to sender <johncowlbeck@...?subject=Re%3A%20overclocking> . Reply
>> to group <Super_SID@yahoogroups.com?subject=Re%3A%20overclocking> . Reply
>> via Web Post
>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/messages/1712;_ylc=X3oDMTJ
ycTQ2dm12BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNzEyBHNlY
wNkbXNnBHNsawNycGx5BHN0aW1lAzE0MzkyODM1OTU-?act=reply&messageNum=1712> .
>> All Messages (2)
>> <https://groups.yahoo.com/neo/groups/Super_SID/conversations/topics/1711;_ylc=X3oDMTM2N
mczZmJwBF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRtc2dJZAMxNzEyBHNlYwN
kbXNnBHNsawN2dHBjBHN0aW1lAzE0MzkyODM1OTUEdHBjSWQDMTcxMQ--> .
>> Top ^
>> <#14f1f21aedfd5ee9_14f1e863801b563d_14f1e841815d4347_14f1e8340335f81d_14f1bfcd034cf012_
toc>
>> Visit Your Group
>> <https://groups.yahoo.com/neo/groups/Super_SID/info;_ylc=X3oDMTJmNjY5dDU3BF9TAzk3MzU5Nz
E1BGdycElkAzM2MjgwNDIxBGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzE0MzkyODM1

OTU->
>>
>>
>> [image: Yahoo! Groups]
>> <https://groups.yahoo.com/neo;_ylc=X3oDMTJla3B0djV1BF9TAzk3MzU5NzE1BGdycElkAzM2MjgwNDIx
BGdycHNwSWQDMTcwNTA4MjgwNgRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQzOTI4MzU5NQ-->
>> • Privacy <https://info.yahoo.com/privacy/us/yahoo/groups/details.html>
>> • Unsubscribe <Super_SID-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>> • Terms of Use <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
>>
>
>
>

--
Jack Gross
jack144@...

1716. supersid EG 1.4 released

Yahoo group: Super_SID
Date: 2015-08-13 00:08:41 UTC
From: Eric Gibert
Topic: 1716 Message: 1716

Dear all,

If you want to run your SuperSID monitor on Linux (including Raspberry Pi), please note that I released the version 1.4 of the Open Source software.

Some changes:

1) default GUI is now TkInter
Albeit wxPython is still supported (but only on Python 2), TkInter is now the default graphic user interface. This ensures that 'supersid.py' runs identically on both Python 2 and 3. The entry 'viewer=' in the .cfg selects your preferred viewer. Please refer to the documentation at https://github.com/ericgibert/supersid/blob/master/docs/ConfigHelp.md

Reminder: to avoid Raspi to get overwhelmed by the running program, I recommend 'viewer=text' for long term monitoring.

2) ftp_to_Standford.py
this new script allows the sending of your data file to the Standford FTP server. It takes two parameters:
* -c /your/path/to/supersid.cfg : your config file with the new [FTP] section (please refer to the ConfigHelp.md doc and the Config/*.cfg examples)
* --yesterday or a file: to indicate what file to send

When --yesterday is selected, the script tries to find yesterday's file from your data directory and sends it. This is the way to schedule a daily automatic transmission using 'crontab'.

3) documentation improved
The supersid/docs content has been reviewed. One important document: SuperSIDOnLinux.md has been rewritten. It describes an easy step by step installation guide on Linux (including Raspi).

Software repository: https://github.com/ericgibert/supersid

Please let me know if you have any feedbacks or questions.

Best regards,

Eric

1717. Re: [Super_SID] supersid EG 1.4 released

Yahoo group: Super_SID
Date: 2015-08-14 23:08:52 UTC
From: Steve Berl
Topic: 1716 Message: 1717

Thanks Eric. Your work is appreciated. -steve

On Wed, Aug 12, 2015 at 5:08 PM, Eric Gibert ericgibert@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Dear all,
>
> If you want to run your SuperSID monitor on Linux (including Raspberry
> Pi), please note that I released the version 1.4 of the Open Source
> software.
>
> Some changes:
>
> 1) default GUI is now TkInter
> Albeit wxPython is still supported (but only on Python 2), TkInter is
> now the default graphic user interface. This ensures that 'supersid.py'
> runs identically on both Python 2 and 3. The entry 'viewer=' in the .cfg
> selects your preferred viewer. Please refer to the documentation at
> https://github.com/ericgibert/supersid/blob/master/docs/ConfigHelp.md
>
> Reminder: to avoid Raspi to get overwhelmed by the running program, I
> recommend 'viewer=text' for long term monitoring.
>
> 2) ftp_to_Standford.py
> this new script allows the sending of your data file to the Standford
> FTP server. It takes two parameters:
> * -c /your/path/to/supersid.cfg : your config file with the new [FTP]
> section (please refer to the ConfigHelp.md doc and the Config/*.cfg
> examples)
> * --yesterday or a file: to indicate what file to send
>
> When --yesterday is selected, the script tries to find yesterday's file
> from your data directory and sends it. This is the way to schedule a
> daily automatic transmission using 'crontab'.
>
> 3) documentation improved
> The supersid/docs content has been reviewed. One important document:
> SuperSIDOnLinux.md has been rewritten. It describes an easy step by step
> installation guide on Linux (including Raspi).
>
> Software repository: https://github.com/ericgibert/supersid
>
> Please let me know if you have any feedbacks or questions.

>
> Best regards,
>
> Eric
>
>

--
-steve

1718. SID data browser

Yahoo group: Super_SID
Date: 2015-08-30 23:08:19 UTC
From: Deborah Scherrer
Topic: 1718 Message: 1718

The "View Data by Date" feature of the SID data browser is down. We're aware of it (thanks so Eric Xu!) and are trying to fix it. Will let you know.

Deborah

1719. Clear data

Yahoo group: Super_SID
Date: 2015-09-16 04:18:45 UTC
From: Gom Dorji
Topic: 1719 Message: 1719
Attachments: 3 described; binary payloads are missing from this source WARC

Hi all,I am monitoring super sid in Bhutan for the first time and i have got few days data. Therefore kindly check my data clarity which is attached below and give me feedback.
Gom DorjiBhutan

1720. Re: [Super_SID] Clear data [3 Attachments]

Yahoo group: Super_SID
Date: 2015-09-16 21:10:15 UTC
From: Steve Berl
Topic: 1719 Message: 1720

Hi Gom,

Great to see you are running your SuperSID monitor.

I looked at our data, and I need to say that I am not sure just how good it is.
It looks like there is a big rise in the signal strength around your local sunset, and then a big drop off at your local sunrise. This is good and to be expected.

The daytime signal appears a bit noisy, but it is hard to tell from just one days data. It was a quiet day with no significant solar activity, so one would expect a relatively smooth daytime signal. Also, according to the data browser (http://sid.stanford.edu/database-browser/browse.jsp?date=2015-09-12T00.00.00), nobody else reported data from the VTX1 or VTX2 stations at all that day, so it is hard to say how your signal compares to others.

I'd suggest sending a few more days data, and comparing your plots with others found in the data browser. Be sure to check the box near the top of the page that displays "Estimated Data Quality". Look for stations that are monitoring the same transmitters as you are, and have a low number for the quality.

Looking forward to seeing more of your data.

-steve

On Tue, Sep 15, 2015 at 9:18 PM, Gom Dorji ede2011008@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#14fd4607f2cb9e40_TopText> from Gom Dorji included below]
>
> Hi all,
> I am monitoring super sid in Bhutan for the first time and i have got few
> days data. Therefore kindly check my data clarity which is attached below
> and give me feedback.
>
> Gom Dorji
> Bhutan
>
>
>

--
-steve

1721. Re: [Super_SID] Clear data

Yahoo group: Super_SID
Date: 2015-09-17 10:20:20 UTC
From: Gom Dorji
Topic: 1719 Message: 1721
Attachments: 5 described; binary payloads are missing from this source WARC

Hello Steve,
Thank you for your immediate response. I have attached here few more days data. Check it and give me feedback.
Looking for your response.
RegardsGom DorjiBhutan

On Thursday, September 17, 2015 3:16 AM, "Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

Hi Gom,
Great to see you are running your SuperSID monitor.
I looked at our data, and I need to say that I am not sure just how good it is. It looks like there is a big rise in the signal strength around your local sunset, and then a big drop off at your local sunrise. This is good and to be expected.
The daytime signal appears a bit noisy, but it is hard to tell from just one days data. It was a quiet day with no significant solar activity, so one would expect a relatively smooth daytime signal. Also, according to the data browser (http://sid.stanford.edu/database-browser/browse.jsp?date=2015-09-12T00.00.00), nobody else reported data from the VTX1 or VTX2 stations at all that day, so it is hard to say how your signal compares to others.
I'd suggest sending a few more days data, and comparing your plots with others found in the data browser. Be sure to check the box near the top of the page that displays "Estimated Data Quality". Look for stations that are monitoring the same transmitters as you are, and have a low number for the quality.
Looking forward to seeing more of your data.
-steve

On Tue, Sep 15, 2015 at 9:18 PM, Gom Dorji ede2011008@yahoo.com [Super_SID] <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from Gom Dorji included below] Hi all,I am monitoring super sid in Bhutan for the first time and i have got few days data. Therefore kindly check my data clarity which is attached below and give me feedback.
Gom DorjiBhutan

--
-steve

1722. LUW anyone?

Yahoo group: Super_SID
Date: 2015-09-17 10:54:41 UTC
From: ralph@...
Topic: 1722 Message: 1722

Hi all,

actually I try to understand a little bit more in detail where the diurnal pattern comes from.

I've found a resource from which I have calculated electron density vs height for a given day and location. With this data I've done a MUF (maximal usable frequency) calculation for two VLF transmitters. From this I get the information whether the signals from this two are reflected (or not) and when yes in which height.

I now try to solve the problem of the LUF (lowest useable frequency). This should give me a hint whether a signal is absorbed by the E and/or D layers of the ionosphere and in which height.

And here is my problem. While it was (somewhat) easy to get information how to calculate the MUF I'm out of luck so far for LUF. Anybody out here has a pointer to lo-intermediate physic level ;) stuff showing how to calculate LUF?

Regards
Ralph

1723. Fwd: VLF earthquake audio recording

Yahoo group: Super_SID
Date: 2015-09-20 20:17:34 UTC
From: Deborah Scherrer
Topic: 1723 Message: 1723

Any interest?

Debbie

-------- Forwarded Message --------
Subject: VLF earthquake audio recording
Date: Wed, 9 Sep 2015 04:40:36 +0000 (UTC)
From: Michael Riso <michaeljriso@...>
Reply-To: Michael Riso <michaeljriso@...>
To: sid@... <sid@...>

To whom it may concern,

I have a recording of earthquake static you will find remarkable.

Now that I have your attention, I will be brief. My name is Mike and I am a musician / composer as well as a real estate professional. One of my musician friends accidentally captured the static of an earthquake while in a recording session. He did not notice this until playback.

The static itself sounds slightly different from regular static but the most fascinating thing is when you look at the wave of sound. It is all below the zero line. Practically nothing passes over the line and it has qualities I have never seen in an audio wave formation. My DAW (digital audio workstation) shows a solid fat wave hanging below zero with only the tiniest spikes above zero and also depicts odd dark lines within the wave that I have never seen before nor have the software to analyze it properly.

The reason I am writing you is because I recently discovered you have a beta program to study electromagnetic frequency emission prior to earthquakes for the possibility of earthquake forecasting. It is my belief that this recording will help you advance this theory faster than you would be able to without it as recording this this phenomenon will be difficult and time consuming to do. However, after you study what to look for you can perhaps find it faster and/or add a different type of instrumentation to your toolbox.

This is really something you should have a look at and I am thrilled to know that a prestigious university is considering this subject as a possibility worth further investigation. I did send this recording to NASA a few years ago but never heard back of any progress after their initial interest in studying it. Perhaps because the subject is of a controversial nature.

I would be happy to email this wave file, just under 10MB, or I can send a dropbox link.

All the best,
Mike Riso
323-445-7155 (cell)

1724. Re: [Super_SID] Fwd: VLF earthquake audio recording

Yahoo group: Super_SID
Date: 2015-09-21 05:44:40 UTC
From: Divyadarshan Purohit
Topic: 1723 Message: 1724

Dear Friends,

I am very much interested to have the audio file recorded by Mike Riso.I will be grateful if he could help about the recording procedure,Technique ,required infrastructure & time slot of the recording .

I am also interested to know more about Beta recording carried out by our friends.I am trying to find technique to listen/record electromagnetic waves which might be sent by nature (plates) some 48 to 72 hours before the earthquakes.

I am using animal behaviour signs to predict unexpected underground changes which I want to join with radio science so we could have some perfect prediction system for Earthquakes, Tsunami & other natural disaster coming from earth.

Hope one day we will find the solution.
best regards,
DDPurohit

Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
http://www.gurudevobservatory.co.in/

[image: flickr]
<https://www.flickr.com/photos/gurudevobservatory/sets/> [image: twitter] <https://twitter.com/ddpurohit/> [image: facebook]
<https://www.facebook.com/divyadarshan.purohit/> [image: youtube]
<https://www.youtube.com/c/DivyadarshanPurohit> [image: googleplus]
<https://plus.google.com/+DivyadarshanPurohit> [image: blogspot]
<http://vayamrastrejagruyampurohita.blogspot.in/> [image: tumblr]
<http://www.gurudevobservatory.tumblr.com/>

On Mon, Sep 21, 2015 at 1:47 AM, Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Any interest?
>
> Debbie
>
>
> -------- Forwarded Message -------- Subject: VLF earthquake audio
> recording Date: Wed, 9 Sep 2015 04:40:36 +0000 (UTC) From: Michael Riso

> <michaeljriso@...> <michaeljriso@...> Reply-To: Michael Riso
> <michaeljriso@...> <michaeljriso@...> To: sid@...
> <sid@...> <sid@...>
>
> To whom it may concern,
>
> I have a recording of earthquake static you will find remarkable.
>
> Now that I have your attention, I will be brief. My name is Mike and I am
> a musician / composer as well as a real estate professional. One of my
> musician friends accidentally captured the static of an earthquake while in
> a recording session. He did not notice this until playback.
>
> The static itself sounds slightly different from regular static but the
> most fascinating thing is when you look at the wave of sound. It is all
> below the zero line. Practically nothing passes over the line and it has
> qualities I have never seen in an audio wave formation. My DAW (digital
> audio workstation) shows a solid fat wave hanging below zero with only the
> tiniest spikes above zero and also depicts odd dark lines within the wave
> that I have never seen before nor have the software to analyze it properly.
>
> The reason I am writing you is because I recently discovered you have a
> beta program to study electromagnetic frequency emission prior to
> earthquakes for the possibility of earthquake forecasting. It is my belief
> that this recording will help you advance this theory faster than you would
> be able to without it as recording this this phenomenon will be difficult
> and time consuming to do. However, after you study what to look for you can
> perhaps find it faster and/or add a different type of instrumentation to
> your toolbox.
>
> This is really something you should have a look at and I am thrilled to
> know that a prestigious university is considering this subject as a
> possibility worth further investigation. I did send this recording to NASA
> a few years ago but never heard back of any progress after their initial
> interest in studying it. Perhaps because the subject is of a controversial
> nature.
>
> I would be happy to email this wave file, just under 10MB, or I can send a
> dropbox link.
>
> All the best,
> Mike Riso
> 323-445-7155 (cell)
>
>
>
>

1725. Re: [Super_SID] Fwd: VLF earthquake audio recording

Yahoo group: Super_SID
Date: 2015-09-21 17:05:41 UTC
From: Martin Pepe
Topic: 1723 Message: 1725

Team
Sorry for the wide distribution, I ask you please add my name to this distribution.
Some additional detailed questions for Mike. Do you know anything about whether this recording was AC or DC coupled ?
A snapshot of the recording amplifier's input section schematic would answer the question (if available).
Additionally is anyone using SkyPipe PC SW as a strip chart recorder.
Although its a Radio Astronomy tool, its used by Geologists for paper strip chart replacement on seismographs. (Link below)

http://www.radiosky.com/skypipeishere.html

Sincerely,
Martin Pepe

On Mon, Sep 21, 2015 at 1:44 AM, Divyadarshan Purohit divyadarshan63@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Dear Friends,
>
> I am very much interested to have the audio file recorded by Mike Riso.I
> will be grateful if he could help about the recording procedure,Technique
> ,required infrastructure & time slot of the recording .
>
> I am also interested to know more about Beta recording carried out by our
> friends.I am trying to find technique to listen/record electromagnetic
> waves which might be sent by nature (plates) some 48 to 72 hours before
> the earthquakes.
>
> I am using animal behaviour signs to predict unexpected underground
> changes which I want to join with radio science so we could have some
> perfect prediction system for Earthquakes, Tsunami & other natural disaster
> coming from earth.
>
> Hope one day we will find the solution.
> best regards,
> DDPurohit
>
> Divyadarshan D.Purohit
> Gurudev Observatory,
> Vadodara
> India
> http://www.gurudevobservatory.co.in/

>
> [image: flickr] <https://www.flickr.com/photos/gurudevobservatory/sets/>
> [image: twitter] <https://twitter.com/ddpurohit/> [image: facebook]
> <https://www.facebook.com/divyadarshan.purohit/> [image: youtube]
> <https://www.youtube.com/c/DivyadarshanPurohit> [image: googleplus]
> <https://plus.google.com/+DivyadarshanPurohit> [image: blogspot]
> <http://vayamrastrejagruyampurohita.blogspot.in/> [image: tumblr]
> <http://www.gurudevobservatory.tumblr.com/>
>
> On Mon, Sep 21, 2015 at 1:47 AM, Deborah Scherrer
> dscherrer@... [Super_SID] <Super_SID@yahoogroups.com>
> wrote:
>
>>
>>
>> Any interest?
>>
>> Debbie
>>
>>
>> -------- Forwarded Message -------- Subject: VLF earthquake audio
>> recording Date: Wed, 9 Sep 2015 04:40:36 +0000 (UTC) From: Michael Riso
>> <michaeljriso@...> <michaeljriso@...> Reply-To: Michael Riso
>> <michaeljriso@...> <michaeljriso@...> To:
>> sid@... <sid@...> <sid@...>
>>
>> To whom it may concern,
>>
>> I have a recording of earthquake static you will find remarkable.
>>
>> Now that I have your attention, I will be brief. My name is Mike and I am
>> a musician / composer as well as a real estate professional. One of my
>> musician friends accidentally captured the static of an earthquake while in
>> a recording session. He did not notice this until playback.
>>
>> The static itself sounds slightly different from regular static but the
>> most fascinating thing is when you look at the wave of sound. It is all
>> below the zero line. Practically nothing passes over the line and it has
>> qualities I have never seen in an audio wave formation. My DAW (digital
>> audio workstation) shows a solid fat wave hanging below zero with only the
>> tiniest spikes above zero and also depicts odd dark lines within the wave
>> that I have never seen before nor have the software to analyze it properly.
>>
>> The reason I am writing you is because I recently discovered you have a
>> beta program to study electromagnetic frequency emission prior to
>> earthquakes for the possibility of earthquake forecasting. It is my belief
>> that this recording will help you advance this theory faster than you would
>> be able to without it as recording this this phenomenon will be difficult
>> and time consuming to do. However, after you study what to look for you can
>> perhaps find it faster and/or add a different type of instrumentation to

>> your toolbox.
>>
>> This is really something you should have a look at and I am thrilled to
>> know that a prestigious university is considering this subject as a
>> possibility worth further investigation. I did send this recording to NASA
>> a few years ago but never heard back of any progress after their initial
>> interest in studying it. Perhaps because the subject is of a controversial
>> nature.
>>
>> I would be happy to email this wave file, just under 10MB, or I can send
>> a dropbox link.
>>
>> All the best,
>> Mike Riso
>> 323-445-7155 (cell)
>>
>>
>>
>
>

1726. Re: [Super_SID] Clear data [5 Attachments]

Yahoo group: Super_SID
Date: 2015-09-22 20:16:56 UTC
From: Steve Berl
Topic: 1719 Message: 1726

I don't think you are getting good signals. There is a distinct change between night and day, but your daytime signal is not showing the usual curve for a quiet sun as expected.

What does your antenna look like? How long is your antenna cable? Are there any electric motors, or other sources of electrical noise near it?

Do other stations you are monitoring have the same shape of the curve?

Can you send your config file?

-steve

On Thu, Sep 17, 2015 at 3:20 AM, Gom Dorji ede2011008@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#14fdad1dbcde2ba4_TopText> from Gom Dorji included below]
>
>
> Hello Steve,
>
> Thank you for your immediate response. I have attached here few more days
> data. Check it and give me feedback.
> Looking for your response.
>
> Regards
> Gom Dorji
> Bhutan
>
>
>
> On Thursday, September 17, 2015 3:16 AM, "Steve Berl steveberl@gmail.com
> [Super_SID]" <Super_SID@yahoogroups.com> wrote:
>
>
>
>
> Hi Gom,
>
> Great to see you are running your SuperSID monitor.
>
> I looked at our data, and I need to say that I am not sure just how good
> it is.
> It looks like there is a big rise in the signal strength around your local
> sunset, and then a big drop off at your local sunrise. This is good and to
> be expected.

>
> The daytime signal appears a bit noisy, but it is hard to tell from just
> one days data. It was a quiet day with no significant solar activity, so
> one would expect a relatively smooth daytime signal. Also, according to the
> data browser (
> http://sid.stanford.edu/database-browser/browse.jsp?date=2015-09-12T00.00.00),
> nobody else reported data from the VTX1 or VTX2 stations at all that day,
> so it is hard to say how your signal compares to others.
>
> I'd suggest sending a few more days data, and comparing your plots with
> others found in the data browser. Be sure to check the box near the top of
> the page that displays "Estimated Data Quality". Look for stations that are
> monitoring the same transmitters as you are, and have a low number for the
> quality.
>
> Looking forward to seeing more of your data.
>
> -steve
>
>
>
> On Tue, Sep 15, 2015 at 9:18 PM, Gom Dorji ede2011008@...
> [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
>
> [Attachment(s)
> <https://us-mg6.mail.yahoo.com/neo/launch?.rand=eq3cm3o3ckfld#14fd4607f2cb9e40_TopText>
> from Gom Dorji included below]
> Hi all,
> I am monitoring super sid in Bhutan for the first time and i have got few
> days data. Therefore kindly check my data clarity which is attached below
> and give me feedback.
>
> Gom Dorji
> Bhutan
>
>
>
>
> --
> -steve
>
>
>
>

--
-steve

1727. Re: [Super_SID] Clear data

Yahoo group: Super_SID
Date: 2015-09-24 06:11:38 UTC
From: Gom Dorji
Topic: 1719 Message: 1727
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Steve,Attached here is my config file.
The length of an antenna is 120m (400feet) of copper wire and the length of the coax cable is 12m. The pre-amps and other materials are all received from Standford university. The shape of my antenna is hexagonal with 1.6m diameter. It is located inside my office.

On Tuesday, September 22, 2015 1:17 PM, "Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

I don't think you are getting good signals. There is a distinct change between night and day, but your daytime signal is not showing the usual curve for a quiet sun as expected. What does your antenna look like? How long is your antenna cable? Are there any electric motors, or other sources of electrical noise near it?
Do other stations you are monitoring have the same shape of the curve?
Can you send your config file?
-steve

On Thu, Sep 17, 2015 at 3:20 AM, Gom Dorji ede2011008@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from Gom Dorji included below]
Hello Steve,
Thank you for your immediate response. I have attached here few more days data. Check it and give me feedback.
Looking for your response.
RegardsGom DorjiBhutan

On Thursday, September 17, 2015 3:16 AM, "Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

Hi Gom,
Great to see you are running your SuperSID monitor.
I looked at our data, and I need to say that I am not sure just how good it is. It looks like there is a big rise in the signal strength around your local sunset, and then a big drop off at your local sunrise. This is good and to be expected.
The daytime signal appears a bit noisy, but it is hard to tell from just one days data. It was a quiet day with no significant solar activity, so one would expect a relatively smooth daytime signal. Also, according to the data browser (http://sid.stanford.edu/database-browser/browse.jsp?date=2015-09-12T00.00.00), nobody else reported data from the VTX1 or VTX2 stations at all that day, so it is hard to say how your signal compares to others.
I'd suggest sending a few more days data, and comparing your plots with others found in the data browser. Be sure to check the box near the top of the page that displays "Estimated Data Quality". Look for stations that are monitoring the same transmitters as you are, and have a low number for the quality.
Looking forward to seeing more of your data.

-steve

On Tue, Sep 15, 2015 at 9:18 PM, Gom Dorji ede20110008@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from Gom Dorji included below] Hi all,I am monitoring super sid in Bhutan for the first time and i have got few days data. Therefore kindly check my data clarity which is attached below and give me feedback.
Gom DorjiBhutan

--
-steve

--
-steve

1728. Re: [Super_SID] Clear data [1 Attachment]

Yahoo group: Super_SID
Date: 2015-09-24 21:11:42 UTC
From: Steve Berl
Topic: 1719 Message: 1728

Any chance you could move the antenna outside and away from sources of interference such as any electric motors, air conditioning units, computers, etc?

It might be interesting to try rotating the direction of the antenna in such a way to use the real-time spectrum display of the supersid software to observe the signal vs noise.

Ideally you could watch the display, and rotate the antenna at the same time. You should see the peaks at the transmitter frequencies increase and decrease relative to the background noise in different antenna orientations. Be sure to observe for at least 30 seconds in each orientation and position, and pick the location and orientation that gives the best signal to noise for the stations you are interested in.

-steve

On Wed, Sep 23, 2015 at 11:11 PM, Gom Dorji ede2011008@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#150012b42f4e76ff_14ffdfa9737fe6e9_TopText> from Gom
> Dorji included below]
>
> Dear Steve,
> Attached here is my config file.
> The length of an antenna is 120m (400feet) of copper wire and the length
> of the coax cable is 12m. The pre-amps and other materials are all received
> from Standford university. The shape of my antenna is hexagonal with 1.6m
> diameter. It is located inside my office.
>
>
>
>
>
> On Tuesday, September 22, 2015 1:17 PM, "Steve Berl steveberl@...
> [Super_SID]" <Super_SID@yahoogroups.com> wrote:
>
>
>
> I don't think you are getting good signals. There is a distinct change
> between night and day, but your daytime signal is not showing the usual
> curve for a quiet sun as expected.
>
> What does your antenna look like? How long is your antenna cable? Are
> there any electric motors, or other sources of electrical noise near it?

>
> Do other stations you are monitoring have the same shape of the curve?
>
> Can you send your config file?
>
> -steve
>
>
> On Thu, Sep 17, 2015 at 3:20 AM, Gom Dorji ede2011008@yahoo.com
> [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
>
> [Attachment(s)
> <https://us-mg6.mail.yahoo.com/neo/launch?.rand=4auacmlf78u7h#14fdad1dbcde2ba4_TopText>
> from Gom Dorji included below]
>
> Hello Steve,
>
> Thank you for your immediate response. I have attached here few more days
> data. Check it and give me feedback.
> Looking for your response.
>
> Regards
> Gom Dorji
> Bhutan
>
>
>
> On Thursday, September 17, 2015 3:16 AM, "Steve Berl steveberl@...
> [Super_SID]" <Super_SID@yahoogroups.com> wrote:
>
>
>
>
> Hi Gom,
>
> Great to see you are running your SuperSID monitor.
>
> I looked at our data, and I need to say that I am not sure just how good
> it is.
> It looks like there is a big rise in the signal strength around your local
> sunset, and then a big drop off at your local sunrise. This is good and to
> be expected.
>
> The daytime signal appears a bit noisy, but it is hard to tell from just
> one days data. It was a quiet day with no significant solar activity, so
> one would expect a relatively smooth daytime signal. Also, according to the
> data browser (
> http://sid.stanford.edu/database-browser/browse.jsp?date=2015-09-12T00.00.00),
> nobody else reported data from the VTX1 or VTX2 stations at all that day,
> so it is hard to say how your signal compares to others.

>
> I'd suggest sending a few more days data, and comparing your plots with
> others found in the data browser. Be sure to check the box near the top of
> the page that displays "Estimated Data Quality". Look for stations that are
> monitoring the same transmitters as you are, and have a low number for the
> quality.
>
> Looking forward to seeing more of your data.
>
> -steve
>
>
>
> On Tue, Sep 15, 2015 at 9:18 PM, Gom Dorji ede2011008@...
> [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
>
> [Attachment(s)
> <https://us-mg6.mail.yahoo.com/neo/launch?.rand=eq3cm3o3ckfld#14fd4607f2cb9e40_TopText>
> from Gom Dorji included below]
> Hi all,
> I am monitoring super sid in Bhutan for the first time and i have got few
> days data. Therefore kindly check my data clarity which is attached below
> and give me feedback.
>
> Gom Dorji
> Bhutan
>
>
>
>
> --
> -steve
>
>
>
>
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> --
> -steve
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>
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>

--
-steve

1729. Re: [Super_SID] Clear data

Yahoo group: Super_SID
Date: 2015-09-24 21:56:19 UTC
From: Gom Dorji
Topic: 1719 Message: 1729

Dear Steve,

In Bhutan we dont have transmitter stations but as bhutan is located in Asia, i am trying to monitor with nearest stations like VTX1,VTX2, VTX3,VTX4 (Located in india, neighbouring country), and some transmitter stations from Japan and NWC from Australia, but i am not sure how far this stations are funtioning well.

About the antena location i ll try relocating at top of my roof. Is my config file okay? Is my monitor Id and Site name okay?

Sent from Yahoo Mail on Android

From:"Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Fri, 25 Sep, 2015 at 3:11 AM
Subject:Re: [Super_SID] Clear data

Any chance you could move the antenna outside and away from sources of interference such as any electric motors, air conditioning units, computers, etc?

It might be interesting to try rotating the direction of the antenna in such a way to use the real-time spectrum display of the supersid software to observe the signal vs noise.

Ideally you could watch the display, and rotate the antenna at the same time. You should see the peaks at the transmitter frequencies increase and decrease relative to the background noise in different antenna orientations. Be sure to observe for at least 30 seconds in each orientation and position, and pick the location and orientation that gives the best signal to noise for the stations you are interested in.

-steve

On Wed, Sep 23, 2015 at 11:11 PM, Gom Dorji ede2011008@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from Gom Dorji included below]

Dear Steve,

Attached here is my config file.

The length of an antenna is 120m (400feet) of copper wire and the length of the coax cable is 12m. The pre-amps and other materials are all received from Standford university. The shape of my antenna is hexagonal with 1.6m diameter. It is located inside my office.

On Tuesday, September 22, 2015 1:17 PM, "Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

I don't think you are getting good signals. There is a distinct change between night and day, but your daytime signal is not showing the usual curve for a quiet sun as expected.

What does your antenna look like? How long is your antenna cable? Are there any electric motors, or other sources of electrical noise near it?

Do other stations you are monitoring have the same shape of the curve?

Can you send your config file?

-steve

On Thu, Sep 17, 2015 at 3:20 AM, Gom Dorji ede2011008@yahoo.com [Super_SID] <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from Gom Dorji included below]

Hello Steve,

Thank you for your immediate response. I have attached here few more days data. Check it and give me feedback.

Looking for your response.

Regards

Gom Dorji

Bhutan

On Thursday, September 17, 2015 3:16 AM, "Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

Hi Gom,

Great to see you are running your SuperSID monitor.

I looked at our data, and I need to say that I am not sure just how good it is.

It looks like there is a big rise in the signal strength around your local sunset, and then a big drop off at your local sunrise. This is good and to be expected.

The daytime signal appears a bit noisy, but it is hard to tell from just one days data. It was a quiet day with no significant solar activity, so one would expect a relatively smooth daytime signal. Also, according to the data browser (http://sid.stanford.edu/database-browser/browse.jsp?date=2015-09-12T00.00.00), nobody else reported data from the VTX1 or VTX2 stations at all that day, so it is hard to say how your signal compares to others.

I'd suggest sending a few more days data, and comparing your plots with others found in the data browser. Be sure to check the box near the top of the page that displays "Estimated Data Quality". Look for stations that are monitoring the same transmitters as you are, and have a low number for the quality.

Looking forward to seeing more of your data.

-steve

On Tue, Sep 15, 2015 at 9:18 PM, Gom Dorji ede20011008@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from Gom Dorji included below]

Hi all,

I am monitoring super sid in Bhutan for the first time and i have got few days data. Therefore kindly check my data clarity which is attached below and give me feedback.

Gom Dorji

Bhutan

--

-steve

--

-steve

--

-steve

1730. Re: [Super_SID] Clear data

Yahoo group: Super_SID
Date: 2015-09-24 22:45:46 UTC
From: Steve Berl
Topic: 1719 Message: 1730

Your site_name CST_B appears to be unique. We don't already a site with
that name in our database. So that should be fine. Once you start uploading
data to Stanford's servers, please don't change it.

Your monitor_id 0492 should match the ID printed on your
amplifier/receiver. If it does not, please update the configuration file.

According to maps.google.com, your latitude and longitude says you on the
India side of the border, just to the west of "Indo-Bhutan Boarder Road".

https://www.google.com/maps/place/26%C2%B051'00.0%22N+89%C2%B022'48.0%22E/@26.85,89.38,16z
/data=!4m2!3m1!1s0x0:0x0

If that is within a few miles of your actual location, then it is probably
fine, but you might update it with a more accurate location if you like. At
some point (soon I hope), we will update the map and would like to get you
in the right spot.

The transmitters have a very long range. You should continue to try to
monitor the Indian stations, but you should also try someone others, Japan,
and Australia should be good choices. I would also try some of the European
stations to see if they come in. Try to pick stations that are being
regularly monitored by others from the browser at
http://sid.stanford.edu/database-browser. Then you can compare your results
to others who are monitoring the same transmitters.

Hopefully moving the antenna will solve the problems.
Good luck.

-steve

On Thu, Sep 24, 2015 at 2:56 PM, Gom Dorji ede2011008@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:

>
>
> Dear Steve,
>
> In Bhutan we dont have transmitter stations but as bhutan is located in
> Asia, i am trying to monitor with nearest stations like VTX1,VTX2,
> VTX3,VTX4 (Located in india, neighbouring country), and some transmitter
> stations from Japan and NWC from Australia, but i am not sure how far this
> stations are funtioning well.
>
> About the antena location i ll try relocating at top of my roof. Is my
> config file okay? Is my monitor Id and Site name okay?
>

> Sent from Yahoo Mail on Android
> <https://overview.mail.yahoo.com/mobile/?.src=Android>
> ------------------------------
> *From*:"Steve Berl steveberl@... [Super_SID]" <
> Super_SID@yahoogroups.com>
> *Date*:Fri, 25 Sep, 2015 at 3:11 AM
> *Subject*:Re: [Super_SID] Clear data
>
>
>
> Any chance you could move the antenna outside and away from sources of
> interference such as any electric motors, air conditioning units,
> computers, etc?
>
> It might be interesting to try rotating the direction of the antenna in
> such a way to use the real-time spectrum display of the supersid software
> to observe the signal vs noise.
>
> Ideally you could watch the display, and rotate the antenna at the same
> time. You should see the peaks at the transmitter frequencies increase and
> decrease relative to the background noise in different antenna
> orientations. Be sure to observe for at least 30 seconds in each
> orientation and position, and pick the location and orientation that gives
> the best signal to noise for the stations you are interested in.
>
> -steve
>
> On Wed, Sep 23, 2015 at 11:11 PM, Gom Dorji ede2011008@...
> [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
>>
>> [Attachment(s)
>> <#150015e3e367e0ef_150012b42f4e76ff_14ffdfa9737fe6e9_TopText> from Gom
>> Dorji included below]
>>
>> Dear Steve,
>> Attached here is my config file.
>> The length of an antenna is 120m (400feet) of copper wire and the length
>> of the coax cable is 12m. The pre-amps and other materials are all received
>> from Standford university. The shape of my antenna is hexagonal with 1.6m
>> diameter. It is located inside my office.
>>
>>
>>
>>
>>
>> On Tuesday, September 22, 2015 1:17 PM, "Steve Berl steveberl@...
>> [Super_SID]" <Super_SID@yahoogroups.com> wrote:
>>
>>

>>
>> I don't think you are getting good signals. There is a distinct change
>> between night and day, but your daytime signal is not showing the usual
>> curve for a quiet sun as expected.
>>
>> What does your antenna look like? How long is your antenna cable? Are
>> there any electric motors, or other sources of electrical noise near it?
>>
>> Do other stations you are monitoring have the same shape of the curve?
>>
>> Can you send your config file?
>>
>> -steve
>>
>>
>> On Thu, Sep 17, 2015 at 3:20 AM, Gom Dorji ede2011008@...
>> [Super_SID] <Super_SID@yahoogroups.com> wrote:
>>
>>
>> [Attachment(s)
>> <https://us-mg6.mail.yahoo.com/neo/launch?.rand=4auacmlf78u7h#14fdad1dbcde2ba4_TopText>
>> from Gom Dorji included below]
>>
>> Hello Steve,
>>
>> Thank you for your immediate response. I have attached here few more days
>> data. Check it and give me feedback.
>> Looking for your response.
>>
>> Regards
>> Gom Dorji
>> Bhutan
>>
>>
>>
>> On Thursday, September 17, 2015 3:16 AM, "Steve Berl steveberl@...
>> [Super_SID]" <Super_SID@yahoogroups.com> wrote:
>>
>>
>>
>>
>> Hi Gom,
>>
>> Great to see you are running your SuperSID monitor.
>>
>> I looked at our data, and I need to say that I am not sure just how good
>> it is.
>> It looks like there is a big rise in the signal strength around your
>> local sunset, and then a big drop off at your local sunrise. This is good
>> and to be expected.
>>

>> The daytime signal appears a bit noisy, but it is hard to tell from just
>> one days data. It was a quiet day with no significant solar activity, so
>> one would expect a relatively smooth daytime signal. Also, according to the
>> data browser (
>> http://sid.stanford.edu/database-browser/browse.jsp?date=2015-09-12T00.00.00),
>> nobody else reported data from the VTX1 or VTX2 stations at all that day,
>> so it is hard to say how your signal compares to others.
>>
>> I'd suggest sending a few more days data, and comparing your plots with
>> others found in the data browser. Be sure to check the box near the top of
>> the page that displays "Estimated Data Quality". Look for stations that are
>> monitoring the same transmitters as you are, and have a low number for the
>> quality.
>>
>> Looking forward to seeing more of your data.
>>
>> -steve
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>> On Tue, Sep 15, 2015 at 9:18 PM, Gom Dorji ede2011008@...
>> [Super_SID] <Super_SID@yahoogroups.com> wrote:
>>
>>
>> [Attachment(s)
>> <https://us-mg6.mail.yahoo.com/neo/launch?.rand=eq3cm3o3ckfld#14fd4607f2cb9e40_TopText>
>> from Gom Dorji included below]
>> Hi all,
>> I am monitoring super sid in Bhutan for the first time and i have got few
>> days data. Therefore kindly check my data clarity which is attached below
>> and give me feedback.
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>> Gom Dorji
>> Bhutan
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1731. Re: [Super_SID] Clear data

Yahoo group: Super_SID
Date: 2015-09-24 23:00:27 UTC
From: Gom Dorji
Topic: 1719 Message: 1731

Is it posible to monitor some of the stations from European countries? If posible then, i ll try some of the transmitters from your country.

Sent from Yahoo Mail on Android

From:"Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Fri, 25 Sep, 2015 at 4:45 AM
Subject:Re: [Super_SID] Clear data

Your site_name CST_B appears to be unique. We don't already a site with that name in our database. So that should be fine. Once you start uploading data to Stanford's servers, please don't change it.

Your monitor_id 0492 should match the ID printed on your amplifier/receiver. If it does not, please update the configuration file.

According to maps.google.com, your latitude and longitude says you on the India side of the border, just to the west of "Indo-Bhutan Boarder Road".

https://www.google.com/maps/place/26%C2%B051'00.0%22N+89%C2%B022'48.0%22E/@26.85,89.38,16z/data=!4m2!3m1!1s0x0:0x0

If that is within a few miles of your actual location, then it is probably fine, but you might update it with a more accurate location if you like. At some point (soon I hope), we will update the map and would like to get you in the right spot.

The transmitters have a very long range. You should continue to try to monitor the Indian stations, but you should also try someone others, Japan, and Australia should be good choices. I would also try some of the European stations to see if they come in. Try to pick stations that are being regularly monitored by others from the browser at http://sid.stanford.edu/database-browser. Then you can compare your results to others who are monitoring the same transmitters.

Hopefully moving the antenna will solve the problems.

Good luck.

-steve

On Thu, Sep 24, 2015 at 2:56 PM, Gom Dorji ede2011008@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Dear Steve,

In Bhutan we dont have transmitter stations but as bhutan is located in Asia, i am trying to monitor with nearest stations like VTX1,VTX2, VTX3,VTX4 (Located in india, neighbouring country), and some transmitter stations from Japan and NWC from Australia, but i am not sure how far this stations are funtioning well.

About the antena location i ll try relocating at top of my roof. Is my config file okay? Is my monitor Id and Site name okay?

Sent from Yahoo Mail on Android

From:"Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Fri, 25 Sep, 2015 at 3:11 AM
Subject:Re: [Super_SID] Clear data

Any chance you could move the antenna outside and away from sources of interference such as any electric motors, air conditioning units, computers, etc?

It might be interesting to try rotating the direction of the antenna in such a way to use the real-time spectrum display of the supersid software to observe the signal vs noise.

Ideally you could watch the display, and rotate the antenna at the same time. You should see the peaks at the transmitter frequencies increase and decrease relative to the background noise in different antenna orientations. Be sure to observe for at least 30 seconds in each orientation and position, and pick the location and orientation that gives the best signal to noise for the stations you are interested in.

-steve

On Wed, Sep 23, 2015 at 11:11 PM, Gom Dorji ede2011008@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from Gom Dorji included below]

Dear Steve,

Attached here is my config file.

The length of an antenna is 120m (400feet) of copper wire and the length of the coax cable is 12m. The pre-amps and other materials are all received from Standford university. The shape of my antenna is hexagonal with 1.6m diameter. It is located inside my office.

On Tuesday, September 22, 2015 1:17 PM, "Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

I don't think you are getting good signals. There is a distinct change between night and day, but your daytime signal is not showing the usual curve for a quiet sun as expected.

What does your antenna look like? How long is your antenna cable? Are there any electric motors, or other sources of electrical noise near it?

Do other stations you are monitoring have the same shape of the curve?

Can you send your config file?

-steve

On Thu, Sep 17, 2015 at 3:20 AM, Gom Dorji ede2011008@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from Gom Dorji included below]

Hello Steve,

Thank you for your immediate response. I have attached here few more days data. Check it and give me feedback.

Looking for your response.

Regards

Gom Dorji

Bhutan

On Thursday, September 17, 2015 3:16 AM, "Steve Berl steveberl@gmail.com [Super_SID]" <Super_SID@yahoogroups.com> wrote:

Hi Gom,

Great to see you are running your SuperSID monitor.

I looked at our data, and I need to say that I am not sure just how good it is.

It looks like there is a big rise in the signal strength around your local sunset, and then a big drop off at your local sunrise. This is good and to be expected.

The daytime signal appears a bit noisy, but it is hard to tell from just one days data. It was a quiet day with no significant solar activity, so one would expect a relatively smooth daytime signal. Also, according to the data browser (http://sid.stanford.edu/database-browser/browse.jsp?date=2015-09-12T00.00.00), nobody else reported data from the VTX1 or VTX2 stations at all that day, so it is hard to say how your signal compares to others.

I'd suggest sending a few more days data, and comparing your plots with others found in the data browser. Be sure to check the box near the top of the page that displays "Estimated Data Quality". Look for stations that are monitoring the same transmitters as you are, and have a low number for the quality.

Looking forward to seeing more of your data.

-steve

On Tue, Sep 15, 2015 at 9:18 PM, Gom Dorji ede2011008@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from Gom Dorji included below]

Hi all,

I am monitoring super sid in Bhutan for the first time and i have got few days data. Therefore kindly check my data clarity which is attached below and give me feedback.

Gom Dorji

Bhutan

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-steve

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-steve

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-steve

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-steve

1732. Re: [Super_SID] Clear data

Yahoo group: Super_SID
Date: 2015-09-24 23:55:29 UTC
From: William D'Agostino
Topic: 1719 Message: 1732

Hi All,

Here is a simple modification which may help reduce the electrical noise while improving the desired signal. Simply attach a ground wire to the loop antenna terminal (at the loop antenna) which is connected to the outside shield conductor of the coax feed-line cable. The length of the ground wire is unimportant, but it is important to connect the other end of the ground wire to a rod driven into the earth or other good ground connection (such as a copper water pipe).

I had a significant electrical noise problem with my loop antenna, and simply grounding the loop antenna made a significant improvement.

I've posted this suggestion previously, but I thought it was worth to mentioning this again.

Best of luck!

Will
WB1DMK

> On Sep 24, 2015, at 5:11 PM, Steve Berl steveberl@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>
> Any chance you could move the antenna outside and away from sources of interference such as any electric motors, air conditioning units, computers, etc?
>
> It might be interesting to try rotating the direction of the antenna in such a way to use the real-time spectrum display of the supersid software to observe the signal vs noise.
>
> Ideally you could watch the display, and rotate the antenna at the same time. You should see the peaks at the transmitter frequencies increase and decrease relative to the background noise in different antenna orientations. Be sure to observe for at least 30 seconds in each orientation and position, and pick the location and orientation that gives the best signal to noise for the stations you are interested in.
>
> -steve
>
>> On Wed, Sep 23, 2015 at 11:11 PM, Gom Dorji ede2011008@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>>
>> [Attachment(s) from Gom Dorji included below]
>> Dear Steve,
>> Attached here is my config file.
>> The length of an antenna is 120m (400feet) of copper wire and the length of the coax cable is 12m. The pre-amps and other materials are all received from Standford university. The shape of my antenna is hexagonal with 1.6m diameter. It is located inside my office.

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>> On Tuesday, September 22, 2015 1:17 PM, "Steve Berl steveberl@... [Super_SID]"
<Super_SID@yahoogroups.com> wrote:
>>
>>
>>
>> I don't think you are getting good signals. There is a distinct change between night and
day, but your daytime signal is not showing the usual curve for a quiet sun as expected.
>>
>> What does your antenna look like? How long is your antenna cable? Are there any electric
motors, or other sources of electrical noise near it?
>>
>> Do other stations you are monitoring have the same shape of the curve?
>>
>> Can you send your config file?
>>
>> -steve
>>
>>
>> On Thu, Sep 17, 2015 at 3:20 AM, Gom Dorji ede2011008@... [Super_SID] <Super_SID@...m>
wrote:
>>
>> [Attachment(s) from Gom Dorji included below]
>>
>> Hello Steve,
>>
>> Thank you for your immediate response. I have attached here few more days data. Check it
and give me feedback.
>> Looking for your response.
>>
>> Regards
>> Gom Dorji
>> Bhutan
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>> On Thursday, September 17, 2015 3:16 AM, "Steve Berl steveberl@... [Super_SID]"
<Super_SID@yahoogroups.com> wrote:
>>
>>
>>
>> Hi Gom,
>>
>> Great to see you are running your SuperSID monitor.
>>
>> I looked at our data, and I need to say that I am not sure just how good it is.

>> It looks like there is a big rise in the signal strength around your local sunset, and then a big drop off at your local sunrise. This is good and to be expected.
>>
>> The daytime signal appears a bit noisy, but it is hard to tell from just one days data. It was a quiet day with no significant solar activity, so one would expect a relatively smooth daytime signal. Also, according to the data browser (http://sid.stanford.edu/database-browser/browse.jsp?date=2015-09-12T00.00.00), nobody else reported data from the VTX1 or VTX2 stations at all that day, so it is hard to say how your signal compares to others.
>>
>> I'd suggest sending a few more days data, and comparing your plots with others found in the data browser. Be sure to check the box near the top of the page that displays "Estimated Data Quality". Look for stations that are monitoring the same transmitters as you are, and have a low number for the quality.
>>
>> Looking forward to seeing more of your data.
>>
>> -steve
>>
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>>
>> On Tue, Sep 15, 2015 at 9:18 PM, Gom Dorji ede2011008@yahoo.com [Super_SID] <Super_SID@yahoogroups.com> wrote:
>>
>> [Attachment(s) from Gom Dorji included below]
>> Hi all,
>> I am monitoring super sid in Bhutan for the first time and i have got few days data. Therefore kindly check my data clarity which is attached below and give me feedback.
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>> Gom Dorji
>> Bhutan
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1733. RE: [Super_SID] Clear data

Yahoo group: Super_SID
Date: 2015-09-26 15:57:23 UTC
From: Keith Payea
Topic: 1719 Message: 1733
Attachments: 2 described; binary payloads are missing from this source WARC

Will:

Thanks for that suggestion. I've done a similar thing with my SuperSID, but I grounded the whole thing at the Preamp instead. I've also been experimenting with running the signal from the loop to the preamp with Shielded twisted pair cable instead of coax.

I think one of the problems people have trying to use a SuperSID with a laptop is that nothing is tied to earth. Most laptops float with no ground connection. The only ground connection you might have would be via an accessory plugged into USB or video interfaces. Grounding the system made all the difference with my laptop. I drilled an extra hole in the tin and put in a #6 screw as a ground stud. You can also solder to the tin pretty easily.

Cheers,

Keith, AG6CI

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Thursday, September 24, 2015 16:55
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Clear data

Hi All,

Here is a simple modification which may help reduce the electrical noise while improving the desired signal. Simply attach a ground wire to the loop antenna terminal (at the loop antenna) which is connected to the outside shield conductor of the coax feed-line cable. The length of the ground wire is unimportant, but it is important to connect the other end of the ground wire to a rod driven into the earth or other good ground connection (such as a copper water pipe).

I had a significant electrical noise problem with my loop antenna, and simply grounding the loop antenna made a significant improvement.

I've posted this suggestion previously, but I thought it was worth to mentioning this again.

Best of luck!

Will

WB1DMK

On Sep 24, 2015, at 5:11 PM, Steve Berl steveberl@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Any chance you could move the antenna outside and away from sources of interference such as any electric motors, air conditioning units, computers, etc?

It might be interesting to try rotating the direction of the antenna in such a way to use the real-time spectrum display of the supersid software to observe the signal vs noise.

Ideally you could watch the display, and rotate the antenna at the same time. You should see the peaks at the transmitter frequencies increase and decrease relative to the background noise in different antenna orientations. Be sure to observe for at least 30 seconds in each orientation and position, and pick the location and orientation that gives the best signal to noise for the stations you are interested in.

-steve

On Wed, Sep 23, 2015 at 11:11 PM, Gom Dorji ede2011008@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from Gom Dorji included below]

Dear Steve,

Attached here is my config file.

The length of an antenna is 120m (400feet) of copper wire and the length of the coax cable is 12m. The pre-amps and other materials are all received from Standford university. The shape of my antenna is hexagonal with 1.6m diameter. It is located inside my office.

On Tuesday, September 22, 2015 1:17 PM, "Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

I don't think you are getting good signals. There is a distinct change between night and day, but your daytime signal is not showing the usual curve for a quiet sun as expected.

What does your antenna look like? How long is your antenna cable? Are there any electric motors, or other sources of electrical noise near it?

Do other stations you are monitoring have the same shape of the curve?

Can you send your config file?

-steve

On Thu, Sep 17, 2015 at 3:20 AM, Gom Dorji ede2011008@yahoo.com [Super_SID] <Super_SID@yahoogroups.com> wrote:

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=4auacmlf78u7h#14fdad1dbcde2ba4_TopText> Attachment(s) from Gom Dorji included below]

Hello Steve,

Thank you for your immediate response. I have attached here few more days data. Check it and give me feedback.

Looking for your response.

Regards

Gom Dorji

Bhutan

On Thursday, September 17, 2015 3:16 AM, "Steve Berl steveberl@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

Hi Gom,

Great to see you are running your SuperSID monitor.

I looked at our data, and I need to say that I am not sure just how good it is.

It looks like there is a big rise in the signal strength around your local sunset, and then a big drop off at your local sunrise. This is good and to be expected.

The daytime signal appears a bit noisy, but it is hard to tell from just one days data. It was a quiet day with no significant solar activity, so one would expect a relatively smooth daytime signal. Also, according to the data browser (http://sid.stanford.edu/database-browser/browse.jsp?date=2015-09-12T00.00.00), nobody else reported data from the VTX1 or VTX2 stations at all that day, so it is hard to say how your signal compares to others.

I'd suggest sending a few more days data, and comparing your plots with others found in the data browser. Be sure to check the box near the top of the page that displays "Estimated Data Quality". Look for stations that are monitoring the same transmitters as you are, and have a low number for the quality.

Looking forward to seeing more of your data.

-steve

On Tue, Sep 15, 2015 at 9:18 PM, Gom Dorji ede2011008@yahoo.com [Super_SID] <Super_SID@yahoogroups.com> wrote:

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=eq3cm3o3ckfld#14fd4607f2cb9e40_TopText> Attachment(s) from Gom Dorji included below]

Hi all,

I am monitoring super sid in Bhutan for the first time and i have got few days data. Therefore kindly check my data clarity which is attached below and give me feedback.

Gom Dorji

Bhutan

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-steve

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-steve

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-steve

1734. High Energy Event (possibly a gamma ray burst) detected on October 21, 2015 at 1543 UTC.

Yahoo group: Super_SID
Date: 2015-10-23 01:24:58 UTC
From: William D'Agostino
Topic: 1734 Message: 1734

I’m wonderingis anyone on this SuperSID list detected a high energy event which occurred onOctober 21, 2015 at 1543 UTC. I detecteda high energy event at 1543 UTC while monitoring NAA at 24 kHz using theSuperSID system. This high energy eventwas a short duration event lasting approximately 7 minutes with an extremelysharp vertical rise followed by characteristicdrop-off decay. Because of the characteristicdrop-off, this event isprobably not human-made inference. Although a high energy event such as a gammaray burst could have come from any astronomical object which was above thelocal horizon at the time of detection, it is very interesting to note that thestrong radio galaxy Virgo A (Catalog 3C274, M87) was immediately overhead mylocation at the time of the event, and Virgo A is a very active and immenselypowerful radio galaxy.

Please email medirectly if you detected anything at 1543 UTC on October 21, 2015. Please include “High Energy Event” in theemail title and my email address is william_dagostino@... Also, I've started to review other internet sources for reporting High Energy Events, and I will continue to look for others who may have detected the same event.

Thank you!

1735. RE: [Super_SID] High Energy Event (possibly a gamma ray burst) detected on October 21, 2015 at 1543 UTC.

Yahoo group: Super_SID
Date: 2015-10-23 01:45:56 UTC
From: Ciprian Sufitchi
Topic: 1734 Message: 1735
Attachments: 2 described; binary payloads are missing from this source WARC

You can look at my monitor:

http://sufitchi.com/sidruino/?d=2015-10-21

If you need detailed data around 15:43 UTC, let me know.

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Thursday, October 22, 2015 9:25 PM
To: Super_SID@yahoogroups.com
Cc: William D'Agostino <william_dagostino@...>
Subject: [Super_SID] High Energy Event (possibly a gamma ray burst) detected on October 21, 2015 at 1543 UTC.

I’m wondering is anyone on this SuperSID list detected a high energy event which occurred on October 21, 2015 at 1543 UTC. I detected a high energy event at 1543 UTC while monitoring NAA at 24 kHz using the SuperSID system. This high energy event was a short duration event lasting approximately 7 minutes with an extremely sharp vertical rise followed by characteristic drop-off decay. Because of the characteristic drop-off, this event is probably not human-made inference. Although a high energy event such as a gamma ray burst could have come from any astronomical object which was above the local horizon at the time of detection, it is very interesting to note that the strong radio galaxy Virgo A (Catalog 3C274, M87) was immediately overhead my location at the time of the event, and Virgo A is a very active and immensely powerful radio galaxy.

Please email me directly if you detected anything at 1543 UTC on October 21, 2015. Please include “High Energy Event” in the email title and my email address is william_dagostino@... <mailto:william_dagostino@yahoo.com>

Also, I've started to review other internet sources for reporting High Energy Events, and I will continue to look for others who may have detected the same event.

<mailto:william_dagostino@...>

Thank you!

1736. Windows 10 and SuperSID

Yahoo group: Super_SID
Date: 2015-10-30 18:22:51 UTC
From: Terry Trees
Topic: 1736 Message: 1736

Hi,

Is anyone using SuperSID with Windows 10? Are there any SuperSID precautions I should take prior to upgrading Windows?

Thanks very much.

Terry

1737. Windows 10 With Radio Jove and SuperSID

Yahoo group: Super_SID
Date: 2015-11-02 12:35:12 UTC
From: Terry Trees
Topic: 1737 Message: 1737

Hello,

I've now updated to Windows 10 my Dell desktop that simultaneously runs both SuperSID and the various Radio Jove software packages.

There were no issues with the upgrade (although it takes quite a while to complete) and no mysterious crashes after it finished. However, before doing anything else, I clicked "Settings" in the Start Menu and selected "Update and Security" and installed all available Windows updates. I then rebooted, told it to again scan for Windows updates, installed them, rebooted and repeated this process until no more updates were found. After the PC rebooted the final time, the SuperSID and Radio Jove software all appear to be functioning properly.

While most of the Windows controls seem to function exactly as before, there is a bit of a learning curve finding where they have been moved.

I would also recommend Googling for suggested Windows 10 settings and adjust your PC's security settings as seems appropriate based upon what the various articles discuss.

Terry

1738. please change my e-mail to joncaples4iaas@hotmail.com

Yahoo group: Super_SID
Date: 2015-11-06 07:35:34 UTC
From: Jon Caples
Topic: 1738 Message: 1738

[Body unavailable in the source archive]

1739. Re: [Super_SID] please change my e-mail to joncaples4iaas@hotmail.com

Yahoo group: Super_SID
Date: 2015-11-06 19:30:44 UTC
From: WILLIAM & MELINDA LORD
Topic: 1738 Message: 1739

Jon,

Unsubscribe your old email and then re-subscribe your new email.

Sent from Yahoo Mail on Android

From:"Jon Caples jon.caples@... [Super_SID]" <Super_SID@yahoogroups.com>
Date:Fri, Nov 6, 2015 at 1:35 AM
Subject:[Super_SID] please change my e-mail to joncaples4iaas@...

1740. Re: [Super_SID] please change my e-mail to joncaples4iaas@hotmail.com

Yahoo group: Super_SID
Date: 2015-11-06 19:43:23 UTC
From: Andy
Topic: 1738 Message: 1740

"Unsubscribe your old email and then re-subscribe your new email."

Better yet, go to Email Preferences (which used to be easy to find, but Yahoo makes things hard these days), and add a second email address to your account. Then go to the group, then Membership -> Edit Membership -> Identity, and change to the new address you added for yourself. No need to unsub/resub.

Andy

1741. Re: [Super_SID] please change my e-mail to joncaples4iaas@hotmail.com

Yahoo group: Super_SID
Date: 2015-11-09 20:41:30 UTC
From: Jon Caples
Topic: 1738 Message: 1741

Thank you....for some reason the filters I had setup in my yahoo account refuse to work.
So I've decided to use a provider with filters that DO work because my inbox gets swamped with e-mail about SID and Jove.
Have a great week!
Jon
From: "Andy ai.egrps@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Friday, November 6, 2015 12:43 PM
Subject: Re: [Super_SID] please change my e-mail to joncaples4iaas@...

"Unsubscribe your old email and then re-subscribe your new email."
Better yet, go to Email Preferences (which used to be easy to find, but Yahoo makes things hard these days), and add a second email address to your account. Then go to the group, then Membership -> Edit Membership -> Identity, and change to the new address you added for yourself. No need to unsub/resub.
Andy

1742. Ordering SuperSID

Yahoo group: Super_SID
Date: 2015-11-18 15:51:32 UTC
From: tvoydanoff@...
Topic: 1742 Message: 1742

I'm looking at buying a SuperSID and not having any luck on finding a valid email address.

Anyone have a contact to place an order?

Thanks,
Tom

1743. Re: [Super_SID] Ordering SuperSID

Yahoo group: Super_SID
Date: 2015-11-18 19:37:12 UTC
From: ap_guardian@yahoo.com
Topic: 1742 Message: 1743

SuperSID@...

Sent from Yahoo Mail on Android

On Wed, Nov 18, 2015 at 9:51 AM, tvoydanoff@... [Super_SID]<Super_SID@yahoogroups.com>
wrote:
I'm looking at buying a SuperSID and not having any luck on finding a valid email address.

Anyone have a contact to place an order?

Thanks,
Tom

1744. RE: [Super_SID] Ordering SuperSID

Yahoo group: Super_SID
Date: 2015-11-18 21:21:43 UTC
From: Keith Payea
Topic: 1742 Message: 1744
Attachments: 2 described; binary payloads are missing from this source WARC

You came to the right place Tom,

Thank you for your interest in the SuperSID project. The web page at http://solar-center.stanford.edu/SID/sidmonitor/ has the latest SuperSID manual for more information about how the system works.

S.A.R.A. and Stanford are working together to produce and distribute SuperSID monitors. Complete the attached request form and return it to this address. If the system is going to a school, S.A.R.A will provide the system at no cost to you.

We have a user group you are invited to join at https://groups.yahoo.com/neo/groups/Super_SID/info. We hope users will post their questions, observations, etc and share their experience and knowledge with the group.

Best Regards,

Keith

Keith Payea, AG6CI

SARA SuperSID Coordinator

kbpayea@... <blocked::mailto:kpayea@...>

www.bryantlabs.net <blocked::http://www.bryantlabs.net/>

(707) 566-8935

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, November 18, 2015 07:52
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Ordering SuperSID

I'm looking at buying a SuperSID and not having any luck on finding a valid email address.

Anyone have a contact to place an order?

Thanks,
Tom

1745. RE: [Super_SID] Ordering SuperSID

Yahoo group: Super_SID
Date: 2015-11-18 21:47:39 UTC
From: tvoydanoff@...
Topic: 1742 Message: 1745

Thanks, I'll fill out the form and send it back. I already met with the SARA folks last week up here are at the McMath Hulbert Observatory.

A friend and I are already up and going on Radio Jove and wanted to expand into SID. Already built the SID antenna.

Tom

1746. Re: Ordering SuperSID

Yahoo group: Super_SID
Date: 2015-11-18 22:00:19 UTC
From: tvoydanoff@...
Topic: 1742 Message: 1746

I tried this email and it bounced...

1747. RE: [Super_SID] Re: Ordering SuperSID

Yahoo group: Super_SID
Date: 2015-11-18 22:51:52 UTC
From: Keith Payea
Topic: 1742 Message: 1747
Attachments: 2 described; binary payloads are missing from this source WARC

Reply directly to me at kbpayea@...

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, November 18, 2015 14:00
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Ordering SuperSID

I tried this email and it bounced...

1748. Re: [Super_SID] Ordering SuperSID [2 Attachments]

Yahoo group: Super_SID
Date: 2015-11-18 23:35:04 UTC
From: Graham
Topic: 1742 Message: 1748

Kieth,

I currently monitor a handful of VLF transmitters and create plots of their signals as received at my location near Ottawa Canada.

I don't use one of the Super Sid receiver but rather a USB sound device - Creative Labs USB PRE which I have set to sample at 96kHz and use a program called Spectrum Lab to collect my data with.

I have tried the recent Super Sid program but have some issues with running in on my collection PC. I currently four additional sound cards in addition to the default sound card all being used on this PC at the same time. The Super Sid program will not let me select which sound card I want it to use - or at least I haven't been able to figure out how.

I don't know if the data I currently collect is compatible with the Super Sid data or whether it would be of value to the program in it's current state.

My plots are available online through a dropbox address:

https://www.dropbox.com/sh/kilefa17883zgoj/AADb1lhjsNAKuJduCIiMbx8Ya#/

There is a file at that location which can be downloaded which contains my data in a simple text format, samples are at one minute intervals. The text file is quite large at the moment I will likely be trimming it to a smaller size before too long.

I have been doing this for some time for my own interest but it would be nice to be able share if able to do so.

cheers, Graham ve3gtc

On 2015-11-18 21:21, 'Keith Payea' kpayea@... [Super_SID] wrote:
> [Attachment(s) <#TopText> from Keith Payea included below]
>
> You came to the right place Tom,
>
> Thank you for your interest in the SuperSID project. The web page at
> http://solar-center.stanford.edu/SID/sidmonitor/ has the latest
> SuperSID manual for more information about how the system works.
>
> S.A.R.A. and Stanford are working together to produce and distribute
> SuperSID monitors. Complete the attached request form and return it
> to this address. If the system is going to a school, S.A.R.A will
> provide the system at no cost to you.
>

> We have a user group you are invited to join at
> https://groups.yahoo.com/neo/groups/Super_SID/info. We hope users will
> post their questions, observations, etc and share their experience and
> knowledge with the group.
>
> Best Regards,
>
> /Keith/
>
> Keith Payea, AG6CI
>
> SARA SuperSID Coordinator
>
> kbpayea@... <blocked::mailto:kpayea@...>
>
> www.bryantlabs.net <blocked::http://www.bryantlabs.net/>
>
> (707) 566-8935
>
>

1749. Re: Ordering SuperSID

Yahoo group: Super_SID
Date: 2015-11-19 15:00:04 UTC
From: tvoydanoff@...
Topic: 1742 Message: 1749

Just emailed in my order.

Thanks,
Tom

---In Super_SID@yahoogroups.com, <kpayea@...> wrote :

Reply directly to me at kbpayea@... mailto:kbpayea@...

Keith

1750. Re: [Super_SID] Ordering SuperSID

Yahoo group: Super_SID
Date: 2015-11-19 21:10:07 UTC
From: Steve Berl
Topic: 1742 Message: 1750

Hi Graham,

Are you thinking you would like to add your data to our database of SuperSID observations at http://sid.stanford.edu/database-browser/

If yes, I can help you out with understanding our file format, which is a bit different from your vlfData.txt.

-steve

On Wed, Nov 18, 2015 at 3:35 PM, Graham planophore@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Kieth,
>
> I currently monitor a handful of VLF transmitters and create plots of
> their signals as received at my location near Ottawa Canada.
>
> I don't use one of the Super Sid receiver but rather a USB sound device
> - Creative Labs USB PRE which I have set to sample at 96kHz and use a
> program called Spectrum Lab to collect my data with.
>
> I have tried the recent Super Sid program but have some issues with
> running in on my collection PC. I currently four additional sound cards
> in addition to the default sound card all being used on this PC at the
> same time. The Super Sid program will not let me select which sound card
> I want it to use - or at least I haven't been able to figure out how.
>
> I don't know if the data I currently collect is compatible with the
> Super Sid data or whether it would be of value to the program in it's
> current state.
>
> My plots are available online through a dropbox address:
>
> https://www.dropbox.com/sh/kilefa17883zgoj/AADb1lhjsNAKuJduCIiMbx8Ya#/
>
> There is a file at that location which can be downloaded which contains
> my data in a simple text format, samples are at one minute intervals.
> The text file is quite large at the moment I will likely be trimming it
> to a smaller size before too long.
>
> I have been doing this for some time for my own interest but it would be
> nice to be able share if able to do so.
>

> cheers, Graham ve3gtc
>
> On 2015-11-18 21:21, 'Keith Payea' kpayea@... [Super_SID] wrote:
> > [Attachment(s) <#TopText> from Keith Payea included below]
> >
> > You came to the right place Tom,
> >
> > Thank you for your interest in the SuperSID project. The web page at
> > http://solar-center.stanford.edu/SID/sidmonitor/ has the latest
> > SuperSID manual for more information about how the system works.
> >
> > S.A.R.A. and Stanford are working together to produce and distribute
> > SuperSID monitors. Complete the attached request form and return it
> > to this address. If the system is going to a school, S.A.R.A will
> > provide the system at no cost to you.
> >
> > We have a user group you are invited to join at
> > https://groups.yahoo.com/neo/groups/Super_SID/info. We hope users will
> > post their questions, observations, etc and share their experience and
> > knowledge with the group.
> >
> > Best Regards,
> >
> > /Keith/
> >
> > Keith Payea, AG6CI
> >
> > SARA SuperSID Coordinator
> >
> > kbpayea@... <blocked::mailto:kpayea@bryantlabs.net>
> >
> > www.bryantlabs.net <blocked::http://www.bryantlabs.net/>
> >
> > (707) 566-8935
> >
> >
>
>
>

--
-steve

1751. SARA Western Regional Conference

Yahoo group: Super_SID
Date: 2015-12-04 21:24:09 UTC
From: <ap_guardian@...>
Topic: 1751 Message: 1751

The Society of Amateur Radio Astronomers (SARA) hereby solicits papers for presentation at its 2016 Western Regional Conference, to be held March 11 to 13, 2016, at Embry-Riddle Aeronautical University in Prescott, Arizona. 2016 SARA Conferences | Society of Amateur Radio Astronomers Papers on radio astronomy hardware, software, education, research strategies, observations and philosophy are welcome.
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| 2016 SARA Conferences | Society of Amateur Radio Astronomers2016 SARA Western Region Conference Scheduled for March 11 to 13, 2016, at Embry-Riddle Aeronautical University in Prescott, Arizona Conference Registration Directions to Campus Campus Map |
| |
| View on www.radio-astronomy.org | Preview by Yahoo |
| |
| |

SARA members or supporters wishing to present a paper should email a letter of intent, including a proposed title and informal abstract or outline to : westernconference_at_radio-astronomy_dot_org, no later than 1 February 2016. Be sure to include your full name, affiliation, postal address, and email address, and indicate your willingness to attend the conference to present your paper.The final paper will be due February 21, 2016. Presenters should review the Instructions to Proceedings Authors Submitters will receive an email response, typically within one week. A formal Proceedings will be published for this conference and all presentations can be made available on CD.Additional information and a schedule can be found on SARA’s website: www.radio-astronomy.org/node/233

1752. SARA Email is down

Yahoo group: Super_SID
Date: 2016-01-03 17:11:56 UTC
From: WILLIAM & MELINDA LORD
Topic: 1752 Message: 1752

The SARA addresses i.e. president@..., editor@ radio-astronomy.org, etc is not working and will be off line for at least a week.

If you need to contact an officer, director or SuperSID, please post a message to the SARA e-list. http://www.radio-astronomy.org/email-list You do not have to be a member to post a message.
Sorry for the inconvenience. Bill & Melinda Lord
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1753. SARA Western Conference Update

Yahoo group: Super_SID
Date: 2016-01-03 18:51:34 UTC
From: WILLIAM & MELINDA LORD
Topic: 1753 Message: 1753

Ray Fobes has sent additional information about hotels in the Prescott, Arizona area: Marriott is offering $109 for the Spring Hill hotel on the dates of the conference.

Some other hotel options to consider:

Hassayampa Inn - also in downtown for $140 a night. Old classic hotel

Hampton Inn & Suites in Prescott Valley for $ 99 a night - newer hotel and not that far from ERAU via Glassford Hill Rd and the parkway. Bill & Melinda Lord
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1754. Fwd: Re: Fwd: VLF earthquake audio recording

Yahoo group: Super_SID
Date: 2016-01-12 18:49:53 UTC
From: Deborah Scherrer
Topic: 1754 Message: 1754

Here is another person very interested in earthquake prediction. Perhaps you all can get together.

Deborah

-------- Forwarded Message --------
Subject: Re: Fwd: VLF earthquake audio recording
Date: Mon, 21 Sep 2015 10:32:01 +0000 (UTC)
From: John Cowlbeck <johncowlbeck@...>
Reply-To: John Cowlbeck <johncowlbeck@...>
To: dscherrer@... <dscherrer@...>

I have been working on the relationship between SID and seismic activity for the past three years and have found a possible correlation.
John

Be kinder than necessary, for everyone you meet is fighting some kind of battle

JohnCowlbeck@...
540-586-8042 Home 540-871-0636 Cell

1755. good paper on SID

Yahoo group: Super_SID
Date: 2016-01-12 20:54:13 UTC
From: Deborah Scherrer
Topic: 1755 Message: 1755

One of our colleagues in Vietnam, Le Minh Tan, has written and published a good paper on their SID project and use by students. You might enjoy reading it. It has also been linked into the website.

http://www.davidpublisher.org/Public/uploads/Contribute/5590adc16ddd0.pdf

Debbie

1756. SID presentation

Yahoo group: Super_SID
Date: 2016-01-12 21:09:26 UTC
From: Deborah Scherrer
Topic: 1756 Message: 1756

I have added to the SID website a Powerpoint presentation on the SID and SuperSID projects. This has been given many a time in many a place. It was designed to be presented to teachers and/or potential mentors who might be willing to work with young people on a SID Monitor project. But it could be easily adapted to give to a class as well. You are welcome to do with it whatever you'd like:
http://solar-center.stanford.edu/SID/docs/SID-Presentation.pptx

Debbie

1757. SARA Western Conference in Prescott, Arizona

Yahoo group: Super_SID
Date: 2016-01-25 21:11:06 UTC
From: WILLIAM & MELINDA LORD
Topic: 1757 Message: 1757
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Folks,
There is still time to sign up for the SARA Western Conference in Prescott, Arizona. Details aout the conference including the tentative schedule can be found at http://www.radio-astronomy.org/node/233

Attached are two maps to use to find your way to the meeting room (this is also on the web). The conference will be in Bldg 16 (called The hanger) in the northeast end of the building. Best parking is lots C, D or E. No restrictions on parking for this weekend.

The observatory is marked on the north edge of campus. Its Bldg R2 but not marked as such on the colored map. Bldg R4 (actually its R3) is the Chancellors house and we try not to bother him or his family if at all possible.

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1758. SARA Western Conference March 11-13 Prescott, AZ

Yahoo group: Super_SID
Date: 2016-03-09 20:37:53 UTC
From: WILLIAM & MELINDA LORD
Topic: 1758 Message: 1758

For those attending the Western Regional Conference, please check out this link for maps and directions to the meeting room.

Breakfast is included and begins in the ERAU cafeteria at 0800 on SAT and 0830 on Sunday. All the individual attendee needs to do is tell the cashier that they are with the SARA conference. Both meals are buffet style, including just about anything you can imagine, or at least that is what it sounds like.
2016 SARA Conferences | Society of Amateur Radio Astronomers
| |
| | | | | |
| 2016 SARA Conferences | Society of Amateur Radio Astronomers2016 SARA Western Region Conference Scheduled for March 11 to 13, 2016, at Embry-Riddle Aeronautical University in Prescott, Arizona Conference Registration Directions to Campus Campus Map |
| |
| View on www.radio-astronomy.org | Preview by Yahoo |
| |
| |

You can still register to attend this conference or even pay at the door.
 Bill & Melinda Lord
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1759. Schematic Symbol Help?

Yahoo group: Super_SID
Date: 2016-04-03 16:38:53 UTC
From: dyrul_drogba15@...
Topic: 1759 Message: 1759

Hi, can anyone help me identify the big blue boxes' schematic symbol? The actual physical component sort of looks like a small inductor or oscillator.

http://solar-center.stanford.edu/SID/images/sspa_v2b_image.png
http://solar-center.stanford.edu/SID/images/sspa_v2b_image.png

is it a 3 pin varistor??? that act as a surge suppressors or a thermistor that act as a kind of like a reusable fuse..?? Like it opens a path to ground if current (thus temperature) gets to high? Sorry, I'm still learning about the circuitry..

1760. Re: Schematic Symbol Help?

Yahoo group: Super_SID
Date: 2016-04-03 17:25:49 UTC
From: kpayea@...
Topic: 1759 Message: 1760

Hi:

Those parts are for input protection. They are made by TE Connectivity and are a combination of a polyfuse (Self resetting fuse) and a Clamping diode. We buy them from Mouser and their part number is 650-TM2P-10271.

The idea is that if the input voltage exceeds the clamping voltage, the fuse will open. Once the over-voltage condition goes away, the fuse resets.

1761. Re: [Super_SID] Schematic Symbol Help?

Yahoo group: Super_SID
Date: 2016-04-04 03:10:11 UTC
From: Andy
Topic: 1759 Message: 1761

The schematic identifies the parts as "2PRO".

Googling "2PRO" works. At least four of the first 10 hits are for this part.

Andy

1762. Re: [Super_SID] please change my e-mail to joncaples4iaas@hotmail.com

Yahoo group: Super_SID
Date: 2016-04-05 00:55:58 UTC
From: jon.caples@...
Topic: 1738 Message: 1762

Hello again!

Please unsubscribe me from the e-mail list because we will be traveling for an extended time period and have limited or no e-mail. Thank you!

Jon Caples

1763. Re: [Super_SID] please change my e-mail to joncaples4iaas@hotmail.com

Yahoo group: Super_SID
Date: 2016-04-05 01:04:24 UTC
From: jon.caples@...
Topic: 1738 Message: 1763

Hello again, ignore prior message. I changed profile to show no e-mail so hopefully that solved it.

Have a great week!

Jon Caples

1764. Re: SID monitor issue

Yahoo group: Super_SID
Date: 2016-04-15 17:25:04 UTC
From: Steve Berl
Topic: 1764 Message: 1764

Keith,
Are you the right person to help Ioana a new SuperSID monitor? Seems like
we have eliminated all the other kinds of problems I can think of.

-steve

On Thu, Apr 14, 2016 at 6:20 AM, Ioana Boian <boian.ioana@...> wrote:

> Hi,
>
> Sorry for taking so long to reply. The monitor still isn't working. We
> checked with a microphone and the sound recorder works fine. What is the
> next step?
>
> Ioana Boian
>
> On Sun, Apr 3, 2016 at 2:52 AM, Steve Berl <steveberl@...> wrote:
>
>> One more thing to check to make sure it is the receiver and not something
>> else.
>> Can you unplug the receiver from your computer and try to record some
>> sound through the sound card? If that works, then we know it was the
>> receiver. If you can't record sound from a different source (a microphone,
>> or an iPod, or something similar), then it is a problem with the sound card
>> or computer.
>>
>> -steve
>>
>> On Fri, Apr 1, 2016 at 5:17 AM, Ioana Boian <boian.ioana@...>
>> wrote:
>>
>>> Sorry for the late reply.
>>>
>>> Yes if I disconnect the antenna it shows the same value.
>>>
>>> Ioana
>>>
>>> On Thu, Mar 31, 2016 at 6:16 PM, Steve Berl <steveberl@...> wrote:
>>>
>>>> If you disconnect the antenna from the receiver does it still do the
>>>> same thing?
>>>>
>>>> -steve
>>>>
>>>> On Thu, Mar 31, 2016 at 7:50 AM, Ioana Boian <boian.ioana@...>
>>>> wrote:

>>>>
>>>>> Thank you for the prompt reply.
>>>>> Yes, we tried restarting everything, it didn't work.
>>>>>
>>>>> Ioana Boian
>>>>> On 31 Mar 2016 17:40, "Steve Berl" <steveberl@...> wrote:
>>>>>
>>>>>> Have you tried powering everything off and on again, restarting the
>>>>>> computer, etc?
>>>>>>
>>>>>> -steve
>>>>>>
>>>>>> On Thu, Mar 31, 2016 at 6:23 AM, Ioana Boian <boian.ioana@...>
>>>>>> wrote:
>>>>>>
>>>>>>> Hi,
>>>>>>>
>>>>>>> I am emailing you on behalf of the Astronomical Observatory in
>>>>>>> Bucharest where we have a SID monitor installed (Monitor ID: S-1013,
>>>>>>> Station ID: DHO, Site: Romania-2). Recently we have encountered an issue
>>>>>>> with the monitor and we need help fixing it: it is stuck on a +0.605 value.
>>>>>>> It has been stuck for a few weeks now. The antenna is fine, nothing was
>>>>>>> changed and other monitors on this station seem to work fine. Could you
>>>>>>> please give us some instructions on how to repair it?
>>>>>>>
>>>>>>> Thank you!
>>>>>>>
>>>>>>> Ioana Boian
>>>>>>>
>>>>>>
>>>>>> --
>>>>>> -steve
>>>>>>
>>>>>
>>>>>

1765. RE: [Super_SID] Re: SID monitor issue

Yahoo group: Super_SID
Date: 2016-04-16 17:56:25 UTC
From: Keith Payea
Topic: 1764 Message: 1765
Attachments: 2 described; binary payloads are missing from this source WARC

Yes, I can help.

Iaona: Please send me your mailing address. We will send you a replacement SuperSID Pre-amp.

Best Regards,

Keith

Keith Payea, AG6CI

SARA SuperSID Coordinator

kbpayea@... <blocked::mailto:kpayea@...>

www.bryantlabs.net <blocked::http://www.bryantlabs.net/>

(707) 566-8935

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Friday, April 15, 2016 10:25
To: Ioana Boian; 'Keith Payea' kpayea@... [Super_SID]
Subject: [Super_SID] Re: SID monitor issue

Keith,

Are you the right person to help Ioana a new SuperSID monitor? Seems like we have eliminated all the other kinds of problems I can think of.

-steve

On Thu, Apr 14, 2016 at 6:20 AM, Ioana Boian <boian.ioana@...> wrote:

Hi,

Sorry for taking so long to reply. The monitor still isn't working. We checked with a microphone and the sound recorder works fine. What is the next step?

Ioana Boian

On Sun, Apr 3, 2016 at 2:52 AM, Steve Berl <steveberl@gmail.com> wrote:

One more thing to check to make sure it is the receiver and not something else.

Can you unplug the receiver from your computer and try to record some sound through the sound card? If that works, then we know it was the receiver. If you can't record sound from a different source (a microphone, or an iPod, or something similar), then it is a problem with the sound card or computer.

-steve

On Fri, Apr 1, 2016 at 5:17 AM, Ioana Boian <boian.ioana@...> wrote:

Sorry for the late reply.

Yes if I disconnect the antenna it shows the same value.

Ioana

On Thu, Mar 31, 2016 at 6:16 PM, Steve Berl <steveberl@...> wrote:

If you disconnect the antenna from the receiver does it still do the same thing?

-steve

On Thu, Mar 31, 2016 at 7:50 AM, Ioana Boian <boian.ioana@gmail.com> wrote:

Thank you for the prompt reply.
Yes, we tried restarting everything, it didn't work.

Ioana Boian

On 31 Mar 2016 17:40, "Steve Berl" <steveberl@...> wrote:

Have you tried powering everything off and on again, restarting the computer, etc?

-steve

On Thu, Mar 31, 2016 at 6:23 AM, Ioana Boian <boian.ioana@...> wrote:

Hi,

I am emailing you on behalf of the Astronomical Observatory in Bucharest where we have a SID monitor installed (Monitor ID: S-1013, Station ID: DHO, Site: Romania-2). Recently we have encountered an issue with the monitor and we need help fixing it: it is stuck on a +0.605 value. It has been stuck for a few weeks now. The antenna is fine, nothing was changed and other monitors on this station seem to work fine. Could you please give us some instructions on how to repair it?

Thank you!

Ioana Boian

--

-steve

1766. Re: [Super_SID] Schematic Symbol Help?

Yahoo group: Super_SID
Date: 2016-04-17 15:25:12 UTC
From: dyrul syaznan
Topic: 1759 Message: 1766

okay thanks..another question is about the pre amplifier power supply..does it use USB power supply or plug in power supply?

On Monday, April 4, 2016 11:10 AM, "Andy ai.egrps@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

  The schematic identifies the parts as "2PRO".
Googling "2PRO" works. At least four of the first 10 hits are for this part.
Andy

1767. RE: [Super_SID] Schematic Symbol Help?

Yahoo group: Super_SID
Date: 2016-04-17 18:17:45 UTC
From: Keith Payea
Topic: 1759 Message: 1767
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Andy:

Earlier SuperSIDs used a plug-in supply. Serial numbers above 9000 (since November of 2013) use the USB for power. Handling worldwide mains power supplies was a major problem.

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Sunday, April 17, 2016 08:25
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Schematic Symbol Help?

okay thanks..another question is about the pre amplifier power supply..does it use USB power supply or plug in power supply?

On Monday, April 4, 2016 11:10 AM, "Andy ai.egrps@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

The schematic identifies the parts as "2PRO".

Googling "2PRO" works. At least four of the first 10 hits are for this part.

Andy

1768. want to ask....

Yahoo group: Super_SID
Date: 2016-05-08 18:45:16 UTC
From: dyrul_drogba15@...
Topic: 1768 Message: 1768
Attachments: 1 described; binary payloads are missing from this source WARC

hey guys i was wondering what is the Vg and the Vs is used for in the SuperSID shematic.. is the Vs is used to direct the output frequency to the sound card or what?

1769. SSID Timer Problem

Yahoo group: Super_SID
Date: 2016-05-19 05:47:05 UTC
From: jtegerdine@...
Topic: 1769 Message: 1769
Attachments: 1 described; binary payloads are missing from this source WARC

Hello....

I've had my superSID monitor for several years.
I've been running it on a computer with Windows XP.
A few years back my computer (for some reason) was not able to connect to the internet, and I purchased another one (Windows 8).
I am still running superSID through the old computer (stand-alone/no internet). It seems to be running fine, except that the UTC time on the real-time plot is 1 hour later than it should be.
I am in Washington state (Pacific Time).
I checked the config file for SSID and changed the utc offset to -7, but the plot time (utc) is still wrong.
(See attached)

Please advise.
Thank you for you help.

1770. Cuts 2

Yahoo group: Super_SID
Date: 2016-05-19 21:37:33 UTC
From: Jack Gross
Topic: 1770 Message: 1770

I should have been more clear … That was for the full 5 gallons. So it'll be one gallon at a time.
1/5th of my numbers. Sorry about the disappointment John – it's a learning experience. And you are correct, a gallon of wash at a time is a real pain. I have been talking with George and will order an 8- gallon setup. That leaves 3 gallons of headroom. I will be trying the cooked grain recipe – no corn.

Sent from my iPad

1771. Sudden Ionosphere Disturbance (SID) for solar eruption , C6.5, (Rayos X) . 2015 06 11 UT

Yahoo group: Super_SID
Date: 2016-06-12 13:56:04 UTC
From: drsaguirre@...
Topic: 1771 Message: 1771

Sudden Ionosphere Disturbance (SID) for solar eruption , C6.5, (Rayos X) . 2015 06 11 UT

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event: Flare C6.5,

Date: 2015 06 11 UT,
Time: 21:59 a 22:43 Hrs UT

Site: 29.10 N , -110.96

Solar Active Region: 2552..

SID`s Images here: Spanish (please use Translator)...

http://goo.gl/L8CjfC http://goo.gl/L8CjfC

regards

Salvador Aguirre
SARA/AAVSO.

Son, Mex.

1772. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2016-06-12 17:53:57 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1772

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /MPO/6.11.16 VLF SolarFlare.jpg
Uploaded by : jtegerdine <jtegerdine@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/Super_SID/files/MPO/6.11.16%20VLF%20SolarFlare.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

jtegerdine <jtegerdine@...>

1773. SID: solar eruption , C1.8, (Rayos X) . 2015 06 12 UT

Yahoo group: Super_SID
Date: 2016-06-13 17:16:03 UTC
From: drsaguirre@...
Topic: 1773 Message: 1773

Sudden Ionosphere Disturbance (SID) for solar eruption , C1.8, (Rayos X) . 2015 06 12 UT

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event: Flare C1.8,

Date: 2015 06 12 UT,
Time: 20:30 a 20:52 Hrs UT

Site: 29.10 N , -110.96

Solar Active Region: 2552..

SID`s Images here: Spanish (please use Translator)...

http://goo.gl/UQaJW7 http://goo.gl/UQaJW7

regards

Salvador Aguirre
SARA/AAVSO.

Son, Mex.

1774. SARA Conference

Yahoo group: Super_SID
Date: 2016-07-05 18:48:01 UTC
From: WILLIAM & MELINDA LORD
Topic: 1664 Message: 1774

Hi Folks,there is still time to register and attend the SARA Conference. There are three bedrooms available in the "Nut Bin" NRAO home on the campus.
Here is the registration form. 2016 Conference Registration Form | Society of Amateur Radio Astronomers

|
| |
2016 Conference Registration Form | Society of Amateur Radio Astronomers
| |

|

Please contact me if you have questions.
Melinda
 Bill & Melinda Lord
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1775. Re: [Super_SID] SARA Conference

Yahoo group: Super_SID
Date: 2016-07-06 09:11:24 UTC
From: Divyadarshan Purohit
Topic: 1664 Message: 1775

Dear Bill & Melinda Lord,

Thanks for information & invitation.I am sure conference will help all
radio lovers to boost their knowledge database as usual.
best regards,
DDPurohit

Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
http://www.gurudevobservatory.co.in/

[image: flickr]
<https://www.flickr.com/photos/gurudevobservatory/sets/> [image:
twitter] <https://twitter.com/ddpurohit/> [image: facebook]
<https://www.facebook.com/divyadarshan.purohit/> [image: youtube]
<https://www.youtube.com/c/DivyadarshanPurohit> [image: googleplus]
<https://plus.google.com/+DivyadarshanPurohit> [image: blogspot]
<http://vayamrastrejagruyampurohita.blogspot.in/> [image: tumblr]
<http://www.gurudevobservatory.tumblr.com/>

On Wed, Jul 6, 2016 at 12:18 AM, WILLIAM & MELINDA LORD
ap_guardian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Hi Folks,
> there is still time to register and attend the SARA Conference. There are
> three bedrooms available in the "Nut Bin" NRAO home on the campus.
>
> Here is the registration form. 2016 Conference Registration Form |
> Society of Amateur Radio Astronomers
> <http://www.radio-astronomy.org/2016-SARA-Annual-Conference-Registration-Form>
>
> 2016 Conference Registration Form | Society of Amateur Radio Astronomers
>
> <http://www.radio-astronomy.org/2016-SARA-Annual-Conference-Registration-Form>
>
>
> Please contact me if you have questions.
>
> Melinda
>
> Bill & Melinda Lord
> www.radio-astronomy.org

>
> Light travels faster than sound. This is why some people appear bright
> until you hear them speak. :-)
>
>
>

1776. **IMPORTANT** SARA Conference- REVISIONS

Yahoo group: Super_SID
Date: 2016-07-09 01:55:37 UTC
From: WILLIAM & MELINDA LORD
Topic: 1776 Message: 1776

Hi Folks,

IF YOU WANT TO GO ON THE HI-TECH TOUR ON TUESDAY, YOU MUST COMPLETE THE QUESTIONAIRE AS SOON AS POSSIBLE. Even if you have completed this prior years, you MUST complete again if you want to go on the tour.Hi-Tech Tour at Green Bank, WV | Society of Amateur Radio Astronomers

|
| |
Hi-Tech Tour at Green Bank, WV | Society of Amateur Radio Astronomers
| |

|

We have also just been notified the meeting will be in the Jansky Auditorium. This is where we have met for the last two years.
This building is located past the Science/Visitor Center on the left side of the road. Park in the lot and go to the South door in the newer section of the building. Look for the REGiSTRATION sign.
Melinda Lord

www.radio-astronomy.org

1777. Sun flowers

Yahoo group: Super_SID
Date: 2016-07-20 16:31:49 UTC
From: Divyadarshan Purohit
Topic: 1777 Message: 1777
Attachments: 5 described; binary payloads are missing from this source WARC

Dear Friends,

Two gigantic sunspot groups AR 12565 & & AR 12567 are peppering on the solar disk facing to earth.Among which 12567 has beta magnetic field.Though they are departing but even though any flares/ CME from it may affect the earth.

I took pictures from Gurudev observatory at 6:50 PM IST (13:20 UT) .Monsoon made obstacle but I could have success at the end after waiting for hours.Pictures no 1 to 6 contains Sunspots while 7 to 9 are shwoing glory of the sun god.

Note: One should not see the Sun without appropriate solar filter.
Here is the video link of my meeting with the sun.

https://youtu.be/0IYWDJ25O-c <https://youtu.be/0IYWDJ25O-c>

Divyadarshan D.PurohitGurudev Observatory,VadodaraIndia
http://www.gurudevobservatory.co.in/

[image: flickr]
<https://www.flickr.com/photos/gurudevobservatory/sets/> [image: twitter] <https://twitter.com/ddpurohit/> [image: facebook]
<https://www.facebook.com/divyadarshan.purohit/> [image: youtube]
<https://www.youtube.com/c/DivyadarshanPurohit> [image: googleplus]
<https://plus.google.com/+DivyadarshanPurohit> [image: blogspot]
<http://vayamrastrejagruyampurohita.blogspot.in/> [image: tumblr]
<http://www.gurudevobservatory.tumblr.com/>

1778. Sudden Ionosphere Disturbance (SID) for solar eruption , M1.3,C2.0,C5.6, (Rayos X) . 2016 08 07 UT

Yahoo group: Super_SID
Date: 2016-08-08 13:24:37 UTC
From: drsaguirre@...
Topic: 1778 Message: 1778

Sudden Ionosphere Disturbance (SID) for solar eruption , M1.3,C2.0,C5.6, (Rayos X) . 2016 08 07 UT

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event: M1.3,C2.0,C5.6

Date: 2015 08 07 UT,

Site: 29.10 N , -110.96

Solar Active Region: 2571..

SID`s Images here: Spanish (please use Translator)...

http://goo.gl/nYDWhL http://goo.gl/nYDWhL

regards

Salvador Aguirre
SARA/AAVSO.

Son, Mex.

1779. New file uploaded to Super_SID

Yahoo group: Super_SID
Date: 2016-08-08 17:08:54 UTC
From: Super_SID@yahoogroups.com
Topic: 1260 Message: 1779

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Super_SID
group.

File : /8.7.16 M1.3 1444.bmp
Uploaded by : jtegerdine <jtegerdine@...>
Description : M1.3 detected at Meadowcreek Park Observatory (MPO) in Marysville,
Washington.
Transitter located at Cutler, Maine (NAA)

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/Super_SID/files/8.7.16%20%20M1.3%201444.bmp

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

jtegerdine <jtegerdine@...>

1780. SARA official inauguration in Federal Polytechnic, Ado-Ekiti.

Yahoo group: Super_SID
Date: 2016-08-17 17:50:01 UTC
From: Gbenga Adesunloro
Topic: 1780 Message: 1780
Attachments: 1 described; binary payloads are missing from this source WARC

Dear All,This is to introduce to you the students association of Society of Amateur Radio Astronomers,
The Federal Polytechnic, Ado-Ekiti Chapter. The official inauguration was held in the Physics
laboratory of the department of Science technology of the institution in July 2016.
Highlight of the event included-a presentation on brief on SARA-goodwill messages by HOD, HOU, and lecturers-Inauguration of the SARA students association and election of the president-Construction of the loop antenna to receive Ionospheric Disturbance signals.
Please find attached the pictures of the inauguration.
Just last week in this month of August, we were able to get another SuperSID
courtesy of my friend who has been involved in Space activities for years,Onada Temitope.
We are working together to making our dreams for our school
come true.

The one previously got was giving errors and the Preamplifier was mistakenlydestroyed by a student during the process of packing the components to another
location. The previous location was under renovation.
I observed that the system used for installation of the software keeps giving
error message- something like MSCVRT file not found . The software stopped running.

We need help.
Thank you.
Adesunloro Gbenga

1781. Sudden Ionosphere Disturbance (SID) for solar eruption , C2.6, (Rayos X) . 2016 09 22 UT

Yahoo group: Super_SID
Date: 2016-09-23 13:45:28 UTC
From: drsaguirre@...
Topic: 1781 Message: 1781

Sudden Ionosphere Disturbance (SID) for solar eruption , C2.6, (Rayos X) . 2016 09 22 UT

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event: C2.6

Date: 2016 09 22 UT

Site: 29.10 N , -110.96

Solar Active Region: 2595.

SID`s Images here: Spanish (please use Translator)...

https://goo.gl/rd9n13 https://goo.gl/rd9n13

regards

Salvador Aguirre
SARA/AAVSO.

Son, Mex.

1782. Latest scoop on sound cards and SuperSID software

Yahoo group: Super_SID
Date: 2016-09-30 21:55:29 UTC
From: Steve Berl
Topic: 1782 Message: 1782

Well finally need to upgrade my SuperSID station. I have a new computer running Windows 7 and it needs a better sound card that can handle 96k sampling.

Anyone know where the latest versions of the SuperSID client software can be found?

Any recommendations on USB sound interfaces that are cheap and can do 96K?

--
-steve

1784. Event on 9/30/2016 @13:55 UTC

Yahoo group: Super_SID
Date: 2016-10-02 16:45:28 UTC
From: ciprian@...
Topic: 1784 Message: 1784

Hello All,

Has anyone noticed anything special on SID monitors around 13:55 on 9/30/2016?
I see something that I can't explain, it could be just a power glitch, but I still try to correlate it with others.
I saw this on my monitor: SIDRUINO http://sufitchi.com/sidruino/?d=2016-09-30

http://sufitchi.com/sidruino/?d=2016-09-30

SIDRUINO http://sufitchi.com/sidruino/?d=2016-09-30 SIDRUINO Details (PDF file) Now Yesterday See another project: Live Meteors

View on sufitchi.com http://sufitchi.com/sidruino/?d=2016-09-30
Preview by Yahoo

When I zoomed around 14 UTC, this is what I saw:
http://sufitchi.com/sidruino/graphic-09-30-2016.png
http://sufitchi.com/sidruino/graphic-09-30-2016.png

http://sufitchi.com/sidruino/graphic-09-30-2016.png

http://sufitchi.com/sidruino/graphic-09-30-2016.png
http://sufitchi.com/sidruino/graphic-09-30-2016.png

View on sufitchi.com http://sufitchi.com/sidruino/graphic-09-30-2016.png
Preview by Yahoo

Raw data availlable here:
http://sufitchi.com/sidruino/data-09-30-2016.txt
http://sufitchi.com/sidruino/data-09-30-2016.txt

Any thoughts?

Thanks,
Chip

1785. Re: [Super_SID] Event on 9/30/2016 @13:55 UTC

Yahoo group: Super_SID
Date: 2016-10-02 16:53:36 UTC
From: Steve Berl
Topic: 1784 Message: 1785

A few stations seem to have interesting things happening around that time.
Most do not though.

http://sid.stanford.edu/database-browser/browse.jsp?date=2016-09-29T12.00.00&display=vertical&goesFlareStrength=C1.0&quality=true&timeRange=360&size=1300x300

-steve

On Sun, Oct 2, 2016 at 9:45 AM, ciprian@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> Hello All,
>
> Has anyone noticed anything special on SID monitors around 13:55 on
> 9/30/2016?
> I see something that I can't explain, it could be just a power glitch, but
> I still try to correlate it with others.
> I saw this on my monitor: SIDRUINO
> <http://sufitchi.com/sidruino/?d=2016-09-30>
> [image: image] <http://sufitchi.com/sidruino/?d=2016-09-30>
> SIDRUINO <http://sufitchi.com/sidruino/?d=2016-09-30>
> SIDRUINO Details (PDF file) Now Yesterday See another project: Live
> Meteors
> View on sufitchi.com <http://sufitchi.com/sidruino/?d=2016-09-30>
> Preview by Yahoo
>
>
>
> When I zoomed around 14 UTC, this is what I saw:
> http://sufitchi.com/sidruino/graphic-09-30-2016.png
> [image: image] <http://sufitchi.com/sidruino/graphic-09-30-2016.png>
> http://sufitchi.com/sidruino/graphic-09-30-2016.png
> View on sufitchi.com <http://sufitchi.com/sidruino/graphic-09-30-2016.png>
> Preview by Yahoo
>
>
>
> Raw data availlable here:
> http://sufitchi.com/sidruino/data-09-30-2016.txt
>
> Any thoughts?
>
> Thanks,
> Chip

>
>
>
>

--
-steve

1789. Event 10/25/2016

Yahoo group: Super_SID
Date: 2016-10-26 03:21:18 UTC
From: ciprian@...
Topic: 1789 Message: 1789

Hi All,

While analyzing the Oct 25 data, I noticed a significant, short spike just before the local sunset:
SIDRUINO http://sufitchi.com/sidruino/?d=2016-10-25

http://sufitchi.com/sidruino/?d=2016-10-25

SIDRUINO http://sufitchi.com/sidruino/?d=2016-10-25 SIDRUINO Details (PDF file) Now Yesterday See another project: Live Meteors

View on sufitchi.com http://sufitchi.com/sidruino/?d=2016-10-25
Preview by Yahoo

To confirm that is not a local interference, I checked alternate monitors. Moore's observatory is showing a similar feature, but negative:
http://moondog.astro.louisville.edu/naa/archive/jpeg/20161025.jpg
http://moondog.astro.louisville.edu/naa/archive/jpeg/20161025.jpg

http://moondog.astro.louisville.edu/naa/archive/jpeg/20161025.jpg

http://moondog.astro.louisville.edu/naa/archive/jpeg/201...
http://moondog.astro.louisville.edu/naa/archive/jpeg/20161025.jpg

View on moondog.astro.louis...
http://moondog.astro.louisville.edu/naa/archive/jpeg/20161025.jpg
Preview by Yahoo

A couple of other monitors are showing spikes around that time, when looking at Stanford SID data.

There was no GRB reported around that time.
A geomagnetic storm is in progress caused by a recurrent coronal hole. The K index was 5 and 6 this evening. But that doesnt explain the very short spike. However looking at the primary instrument of GOES-13, the Hn component had rapid fluctuations changing the sign around that very time. Geomagnetic data can be analyzed here:
ftp://ftp.swpc.noaa.gov/pub/lists/geomag/20161025_Gp_mag_1m.txt
Could that be just a coincidence?

Thanks,
Chip

1790. SARA Conferences

Yahoo group: Super_SID
Date: 2016-10-28 16:16:39 UTC
From: WILLIAM & MELINDA LORD
Topic: 1790 Message: 1790

Hi Folks,
The SARA Western Conference is being held at the VLA in Socorro, NM March 17-18, 2017. We still have room for additional presentations of papers. You can find more details on submitting an abstract and registering for this and the summer conference at:2017 SARA Conferences | Society of Amateur Radio Astronomers

|
| |
2017 SARA Conferences | Society of Amateur Radio Astronomers
| |

|

 Bill & Melinda Lord
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)--
--
You received this message because you are subscribed to the Google
Groups "Society of Amateur Radio Astronomers" group.
To post to this group, send email to sara-list@...
To unsubscribe from this group, send email to
sara-list-unsubscribe@...
For more options, visit this group at
http://groups.google.com/group/sara-list?hl=en

You received this message because you are subscribed to the Google Groups "Society of Amateur Radio Astronomers" group.
To unsubscribe from this group and stop receiving emails from it, send an email to sara-list+unsubscribe@....
For more options, visit https://groups.google.com/d/optout.

1791. Fwd: cake - not sure you ever saw this

Yahoo group: Super_SID
Date: 2016-10-30 16:54:10 UTC
From: Deborah Scherrer
Topic: 1791 Message: 1791
Attachments: 1 described; binary payloads are missing from this source WARC

The note below and photo attached are from my computer science friend who, some years ago, was working as a professor at Peking University and set up a SID network throughout China.

Debbie

-------- Forwarded Message --------
Subject: cake - not sure you ever saw this
Date: Sun, 30 Oct 2016 22:16:06 +0800
From: Sharon Murrel <sharonmurrel@...>
To: Deborah Scherrer <dscherrer@...>

In China one can get a bakery to make any sort of cake.

So for the presentation of the award certificates at Peking University, we had a cake made. It showed the earth, the sun, and the solar monitor.

Attached find a photo of the cake. I thought you would like it. And there are photos of the students too. Let me know whether you are interested.

Hugs, Sharon

1792. New observer

Yahoo group: Super_SID
Date: 2016-10-29 15:19:42 UTC
From: StarXplror@...
Topic: 1792 Message: 1792

Good morning everyone,

I am a new observer. I have requested a receiver from Stanford, but would like to know if there are other receivers (or DIY kits) that will function adequately to produce usable data.

Any information would be helpful.

Thank you,
Fred
Manteca, CA

1794. RE: [Super_SID] New observer

Yahoo group: Super_SID
Date: 2016-11-01 18:19:16 UTC
From: Keith Payea
Topic: 1792 Message: 1794

Hi Fred:

The core of the SuperSID system is really a pre-amp that boosts the signal from the antenna before going to the input of the sound card. It’s possible to build your own if you are so inclined. You might also want to experiment with other antenna and amplifier types. Check out the information at www.vlf.it They have a ton of information about antennas and amplifiers.

If you decide to go that route and you just want the SuperSID software, that can be downloaded from:

<http://solar-center.stanford.edu/SID/Distribution/>
http://solar-center.stanford.edu/SID/Distribution/

Best Regards,

Keith

Keith Payea, AG6CI

SARA SuperSID Coordinator

<mailto:kbpayea@...> kbpayea@...t

<http://www.bryantlabs.net> www.bryantlabs.net

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, October 29, 2016 08:20
To: Super_SID@yahoogroups.com
Subject: [Super_SID] New observer

Good morning everyone,

I am a new observer. I have requested a receiver from Stanford, but would like to know if there are other receivers (or DIY kits) that will function adequately to produce usable data.

Any information would be helpful.

Thank you,

Fred

Manteca, CA

1795. RE: [Super_SID] New observer

Yahoo group: Super_SID
Date: 2016-11-07 23:04:35 UTC
From: StarXplror@...
Topic: 1792 Message: 1795

Hi Keith,

Quite a wealth of information to absorb. Looks like a bit more reading is in order.

Thanks,
Fred

1796. Station at 27950?

Yahoo group: Super_SID
Date: 2016-12-29 20:25:04 UTC
From: <akroes@...>
Topic: 1796 Message: 1796

I was just installing the newer version of the SuperSID software (1.2.2) and revised the stations that I am monitoring in my config file. While looking at my signal graph for the best options, I see a very strong peak at 27950 MHz but it is not listed on the frequency reference page in the manual so I do not know the station name or abbreviation. Also, it is a peak with a wider base than NLM or NAA, and consistently has a small ‘side peak’ popping up about halfway up the high side at about 28400 Mhz.

Basically I am asking if this is a good candidate (seems strong) to monitor, and if so, does anyone know the call letters? A quick look online only got me that it is likely military (US Navy). I can include a screenshot if that would help.

Thanks,

Tony

SuperSID 9109

1797. RE: [Super_SID] Station at 27950?

Yahoo group: Super_SID
Date: 2017-01-03 19:14:53 UTC
From: Keith Payea
Topic: 1796 Message: 1797

Hi Tony:

It may be some kind of interference. I have one at about 16.7 KHz. The best way to get a handle on it is to add it as a station (I called mine NOI) and monitor it for a while. If it doesn't change in amplitude with sunrise and sunset, it is probably local interference. Mine "turns off" before sunset and turns on again after sunrise. I suspect it is a solar panel controller/inverter in my neighborhood.

Regards,

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Thursday, December 29, 2016 12:25
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Station at 27950?

I was just installing the newer version of the SuperSID software (1.2.2) and revised the stations that I am monitoring in my config file. While looking at my signal graph for the best options, I see a very strong peak at 27950 MHz but it is not listed on the frequency reference page in the manual so I do not know the station name or abbreviation. Also, it is a peak with a wider base than NLM or NAA, and consistently has a small 'side peak' popping up about halfway up the high side at about 28400 Mhz.

Basically I am asking if this is a good candidate (seems strong) to monitor, and if so, does anyone know the call letters? A quick look online only got me that it is likely military (US Navy). I can include a screenshot if that would help.

Thanks,

Tony

SuperSID 9109

1798. RE: [Super_SID] Station at 27950?

Yahoo group: Super_SID
Date: 2017-01-04 18:35:19 UTC
From: <akroes@...>
Topic: 1796 Message: 1798

Good info, Keith – thanks, I'll try that. I suspect you are correct because for the last few days it has still been there, but seems to have drifted slightly and is now at 28,200 with the smaller peak at 28700.

Tony

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Tuesday, January 3, 2017 1:15 PM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] Station at 27950?

Hi Tony:

It may be some kind of interference. I have one at about 16.7 KHz. The best way to get a handle on it is to add it as a station (I called mine NOI) and monitor it for a while. If it doesn't change in amplitude with sunrise and sunset, it is probably local interference. Mine "turns off" before sunset and turns on again after sunrise. I suspect it is a solar panel controller/inverter in my neighborhood.

Regards,

Keith

From: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
[mailto:Super_SID@yahoogroups.com]
Sent: Thursday, December 29, 2016 12:25
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Subject: [Super_SID] Station at 27950?

I was just installing the newer version of the SuperSID software (1.2.2) and revised the stations that I am monitoring in my config file. While looking at my signal graph for the best options, I see a very strong peak at 27950 MHz but it is not listed on the frequency reference page in the manual so I do not know the station name or abbreviation. Also, it is a peak with a wider base than NLM or NAA, and consistently has a small 'side peak' popping up about halfway up the high side at about 28400 Mhz.

Basically I am asking if this is a good candidate (seems strong) to monitor, and if so, does anyone know the call letters? A quick look online only got me that it is likely military (US Navy). I can include a screenshot if that would help.

Thanks,

Tony

SuperSID 9109

1799. What is this at 24.6kHz - 24.7kHz

Yahoo group: Super_SID
Date: 2017-01-11 09:03:01 UTC
From: jpbolengo@...
Topic: 1799 Message: 1799

Hello
I've brought back my SuperSid station online. Now I have a strong signal at 24.6kHz - 24.7kHz.
Does anybody know the Station code for that frequency.
Thanks in advance
Jean-Pierre

P.S. I live in Switzerland/Europe

1800. SID Data homepage does not work

Yahoo group: Super_SID
Date: 2017-01-16 09:20:21 UTC
From: jpbolengo@...
Topic: 1800 Message: 1800

Hello
I've tried this link: http://sid.stanford.edu/database-browser/
http://sid.stanford.edu/database-browser/
But it does not show more than one graph.

Is it possibel to bring back this homepage or is there an other link?

Greetings
Jean-Pierre

1801. Re: [Super_SID] SID Data homepage does not work

Yahoo group: Super_SID
Date: 2017-01-16 17:21:52 UTC
From: Steve Berl
Topic: 1800 Message: 1801

Click on the "Back: 1 Day" link on the page just above the graphs.

The issue is that the default behavior of the page is to show the "latest" data. The most recent day there is data for is Jan 17 from the station Germany-2. All the other stations won't submit their Jan 17 data until after Jan 17 ends at 0000 Jan 18 GMT. Most stations latest data is from Jan 16 GMT.

Hope this helps,

-steve

On Mon, Jan 16, 2017 at 1:20 AM, jpbolengo@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> Hello
> I've tried this link: http://sid.stanford.edu/database-browser/
> But it does not show more than one graph.
>
> Is it possibel to bring back this homepage or is there an other link?
>
> Greetings
> Jean-Pierre
>
>
>
>

--
-steve

1802. Re: [Super_SID] SID Data homepage does not work

Yahoo group: Super_SID
Date: 2017-01-17 09:08:25 UTC
From: jpbolengo@...
Topic: 1800 Message: 1802

Thank you for your hint.
I don not see my measurements.
So another question: Where do I see if my Station has transmitted the data to the ftp site?

Thank you in advance
Jean-Pierre

1803. Re: [Super_SID] SID Data homepage does not work

Yahoo group: Super_SID
Date: 2017-01-17 16:51:42 UTC
From: Steve Berl
Topic: 1800 Message: 1803

What's the name of your station, and the transmitters you are monitoring?

-steve

On Tue, Jan 17, 2017 at 1:08 AM, jpbolengo@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> Thank you for your hint.
> I don not see my measurements.
> So another question: Where do I see if my Station has transmitted the data
> to the ftp site?
>
> Thank you in advance
> Jean-Pierre
>
>

--
-steve

1804. RE: [Super_SID] SID Data homepage does not work

Yahoo group: Super_SID
Date: 2017-01-17 17:40:24 UTC
From: Anthony J. Kroes
Topic: 1800 Message: 1804

Jean-Pierre,
I haven't seen a public response to your question, so here is what i do to see my data:
Go to http://solar-center.stanford.edu/SID/sidmonitor/
Click 'data' from the menu on the left
On the new page, click 'view data by monitor'
On the next page, you will see a search box in the upper right. In that box type in your 4-digit station number or you three letter station code. The list of stations will auotmatically update to show yours.
Check the boxes on the monitors/stations you want to see, or click the 'check all on page' button to get all of them, then click the 'select monitors' button.
You will be brought back to the data page and the data for the previous day for your selected monitors will display. Use the time increment links to go back or forward in time. Many other options on how to see the data at that point.
 Let me know if you have further questions - I hope this helps.
Anthony J. KroesSupersid 9109, QSO

Sent from my Sprint Samsung Galaxy S7 edge.
-------- Original message --------From: "jpbolengo@yahoo.com [Super_SID]" <Super_SID@yahoogroups.com> Date: 1/16/17 3:20 AM (GMT-06:00) To: Super_SID@yahoogroups.com Subject: [Super_SID] SID Data homepage does not work

Hello
I've tried this link: http://sid.stanford.edu/database-browser/
But it does not show more than one graph.

Is it possibel to bring back this homepage or is there an other link?

Greetings
Jean-Pierre

1805. Re: [Super_SID] SID Data homepage does not work

Yahoo group: Super_SID
Date: 2017-01-16 18:33:30 UTC
From: Deborah Scherrer
Topic: 1800 Message: 1805

The graph shows only 1 site because it works on UT time and only 1 site had sent their data in for today. If you hit the "1 Day" on the BACK side (left) it will show all the graphs from yesterday.

Debbie

On 1/16/17 1:20 AM, jpbolengo@... [Super_SID] wrote:
>
> Hello
> I've tried this link: http://sid.stanford.edu/database-browser/
> But it does not show more than one graph.
>
> Is it possibel to bring back this homepage or is there an other link?
>
> Greetings
> Jean-Pierre
> *
> *
>
>
>

1806. Distinguishing Simultaneous SIDs

Yahoo group: Super_SID
Date: 2017-01-18 00:47:11 UTC
From: aprilsaccuan@...
Topic: 1806 Message: 1806

Good day!

We are Computer Engineering students from the Philippines pursuing our undergraduate thesis about developing a microcomputer-based data acquisition system for monitoring VLF signals. We are new to studying the effects of sudden ionospheric disturbances, solar flares and thunderstorm in particular, through monitoring the signal strength of VLF signals. After proposing our topic to the panel, they have asked if we could include the characterization for simultaneous SIDs (thunderstorm and solar flare) from the graph.

Upon reading “Tracing Particles from the Sun to the Earth’s Ionosphere” by Sophie Murray on page 31 and 41 (http://solar-center.stanford. edu/SID/StudentWork/ SophieMurray.pdf http://solar-center.stanford.edu/SID/StudentWork/SophieMurray.pdf), we discovered that the noises on night time, which is usually due to storms, ‘drown out’ the flare. In times like this, would it be possible to distinguish simultaneous events that cause the disturbances in the VLF signal? Do you have any advice on how we can attend to the request of our panel? Hoping for your kind assistance for the matter. Thank you very much.

April Saccuan
Manila, Philippines

1807. RE: [Super_SID] SID Data homepage does not work

Yahoo group: Super_SID
Date: 2017-01-24 11:25:30 UTC
From: jpbolengo@...
Topic: 1800 Message: 1807

Thank you thats exactly what I'm loocking for
Jean-Pierre

1808. New SSID Manual

Yahoo group: Super_SID
Date: 2017-02-04 22:54:54 UTC
From: joncaples4iaas@...
Topic: 1808 Message: 1808

Be sure your SSID manual is the same version as your software. The new version is 1.2.2 identified on the bottom of the third page which is not page 3. Many sites still point to only the old version!

The new manual still has some typos (expressing frequency in Watts) and technical information that is not always carried forward from one cite to the next. As time allows our STEAM team is working up a list of suggestions to remove these.

Best to all,

Jon Caples

1809. Re: New SSID Manual more info

Yahoo group: Super_SID
Date: 2017-02-05 20:38:18 UTC
From: joncaples4iaas@...
Topic: 1808 Message: 1809

Thank you to Keith and the original SSID team for a great product! And to Keith for taking on the super human task of keeping this project alive.

Here is the best link I've found to download the new or the original manual.

http://solar-center.stanford.edu/SID/DOC/ http://solar-center.stanford.edu/SID/DOC/

Do not try to mix software and manual versions (learn from our mistake!). Also, the new software is really good. But there are some traps in the manual due to features removed from the code, typos, or other things. Here are a few things our group have discovered.

pg 24 & 75
add log_format which is not in software distrubution files and described on page 75 only

pg 51
Freq-no unit
Power-MHz s/b Watts or some type of Db

pg 78 and on
descriptions of built in graphics, analysis, and using Excel-Most of the built in functions described on page 78 are no longer there. Cautions about using Excel are well founded! Make a copy and rename any file you plan to analyze or graph with Excel!!!!! Work only with that copy in Excel!!!

As time allows we are documenting all other opportunities to adjust that we find.

Hope to meet you in Socorro!

Jon

1810. upcoming webinar on VLF/LF collection during Aug. 21, 2017 solar eclipse

Yahoo group: Super_SID
Date: 2017-02-20 12:09:22 UTC
From: Bill Liles
Topic: 1810 Message: 1810

Folks, the upcoming solar eclipse on Aug. 21, 2017 gives us an opportunity to study VLF and LF radio wave propagation. We have all seen the day/night effect on the VLF stations. The solar eclipse will give us an opportunity to study this effect with sharp differences unlike the gradual change during sunrise and sunset.

On Feb. 25, 2017 there will be two webinars on this event hosted by the Geological Society of America.

The first will deal with "Understanding eclipses, radio waves, and the ionosphere" and the second will deal with "Making your receiver system to participate in citizen science STEM research during the 2017 Solar Eclipse."

Even through you probably already have a SuperSid receiver, some of you might find the use of a single chip amplifier and a smart phone as a software defined radio presented in the second webinar interesting.

The group presenting the webinars is EclipseMob.org and they are hopping for many folks to collect data from VLF and LF transmitters across North America. In particular, they would like time series of amplitude variation for WWVB.

To signup for the webinars go to EclipseMob.org and click the link on the home page.

For teachers, these webinars are NGSS-aligned and professional development certificates will be available upon completion.

To read a very good report on using solar eclipse to study radio wave propagation at 75 kHz, see http://misan.home.xs4all.nl/eclipse.htm

A very good general report which includes some of the 75 kHz data by Ruth Bamford can be downloaded from https://www.researchgate.net/publication/233988608_D48-1_RADIO_AND_THE_1999_TOTAL_SOLAR_ECLIPSE_FINAL_REPORT

You do not have to join researchgate to download, just click the download button on the lower right of the page.

Full disclosure, I am a member of the EclipseMob team and will be one of the presenters at the webinars.

Bill Liles

1811. Re: upcoming webinar on VLF/LF collection during Aug. 21, 2017 solar eclipse

Yahoo group: Super_SID
Date: 2017-02-21 19:55:30 UTC
From: joncaples4iaas@...
Topic: 1810 Message: 1811

Bill,

Great idea and service to the community! Have you contacted the folks on the Radio_JOVE group? There are a large number of folks who are planning to observe in that spectrum too. Our group is planning to observe optical and radio (JOVE and SID).

Hopefully at least one of us will be able to participate in your webinar.

Best regards,

Jon Caples

1812. Re: [Super_SID] Re: upcoming webinar on VLF/LF collection during Aug. 21, 2017 solar eclipse

Yahoo group: Super_SID
Date: 2017-02-21 22:29:10 UTC
From: Bill Liles
Topic: 1810 Message: 1812

Jon, I am a member of the Society of Amateur Radio Astronomers (SARA) so through that group am familiar with the Radio Jove efforts.

Another group is HamSCI.org that combines scientists and amateur radio folks conducting science. They are also in contact with the Radio JOVE folks.

I believe that one of the most difficult tasks after the solar eclipse is to determine how to perform a combine analysis of all the data being collected from ELF to light. Each group has some idea how to combine data with a small frequency range, but if there is something to be learned but combining data across all the frequency ranges seems more difficult.

Ideas are most welcome.

Bill Liles
On Tue, Feb 21, 2017 at 4:17 PM joncaples4iaas@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Bill,
>
> Great idea and service to the community! Have you contacted the folks on
> the Radio_JOVE group? There are a large number of folks who are planning
> to observe in that spectrum too. Our group is planning to observe optical
> and radio (JOVE and SID).
>
> Hopefully at least one of us will be able to participate in your webinar.
>
> Best regards,
>
> Jon Caples
>
>
>

1813. Re:

Yahoo group: Super_SID
Date: 2017-02-21 23:36:08 UTC
From: Deborah Scherrer
Topic: 1813 Message: 1813
Attachments: 1 described; binary payloads are missing from this source WARC

This is incredibly interesting. I do not know of Sophie Murray. Could
you give us a reference to the article? Also, I am sending your
inquiry along to the SuperSID yahoo group. Perhaps someone amongst them
knows more about these relationships.

Debbie

On 1/20/17 6:54 AM, John Cowlbeck wrote:
> Debbie
> Do you know Sophie Murray that wrote a paper on solar particles effect on the ionosphere?
> I have been working on the relationship of SID, Tide movement and Seismic Activity.
> I have attached the latest plot for Puerto Rico which is pretty clear something is going
on.
> Let me know what you think.
>
> John
>
> Be kinder than necessary, for everyone you meet is fighting some kind of battle!
>
> JohnCowlbeck@...
>
> 540-586-8042 Home
> 540-871-0636 Cell

1814. Fwd: SID station in Malaysia (fwd)

Yahoo group: Super_SID
Date: 2017-02-21 23:21:12 UTC
From: Deborah Scherrer
Topic: 1814 Message: 1814
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Nur,
We are very pleased to hear from you! Your data are quite beautiful.
Many sites produce much more noise than yours. I understand there is a
country-wide SID project in Malaysia where students build their own
monitors. Are you a direct part of that? If so, we would like to hear
more about that project. If you are not part of that project, I think
we would like to hear more about yours as well.

As for becoming part of the SID community, I have copied this note to
the SuperSID yahoo group, set up by the Society of Amateur Radio
Astronomers (SARA). This is the best place to discuss your SID
experiences, post questions, and give research reports.

Again, congratulations on your beautiful SID data! We welcome you to
the SID community and hope to hear more from you.

Deborah Scherrer
Stanford Solar Center

---------- Forwarded message ----------
Date: Wed, 11 Jan 2017 04:20:04 +0000 (UTC)
From: NUR AIN ZAKARIA <nurainzakaria@...>
To: "sol-ctr@..." <sol-ctr@...>
Subject: SID station in Malaysia

Hello Solar Stanford Community,Im Nur Ain postgraduate master in research from Malaysia.
Currently, im doing hardware
development of SID system based on published paper. The system respond to solar flare C7.5
on 29th November 2016. ?
I just want to keep in touch with SID community and really looking forward to gain a lot of
knowledge.
Attached results from SID station in Malaysia
Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA
(UiTM)40450,
Shah Alam,SelangorMALAYSIAh/p:+60166663643

1815. Fwd: Fwd: Solar Eclipse effects on VLF signal papers

Yahoo group: Super_SID
Date: 2017-02-22 17:49:27 UTC
From: Deborah Scherrer
Topic: 1815 Message: 1815

-------- Forwarded Message --------
Subject: Fwd: Solar Eclipse effects on VLF signal papers
Date: Wed, 22 Feb 2017 12:51:37 +0530
From: Sandip Chakrabarti <sandipchakrabarti9@...>
To: dscherrer@...

Dear Deborah,

Could you please circulate this to the Group for the upcoming Eclipse?
Thank you very much. Regards,
Sandip Chakrabarti

Dear All, I myself am planning to be at St. Louis for Solar Eclipse viewing and some observations. Meanwhile those who are interested to know about effects of solar eclipse on VLF signals may get hints from these papers we wrote based on July 2009 anf Jan 2010 eclipses:

VLF signals in summer and winter in the Indian sub-continent using multi-station campaigns, Chakrabarti et al. Indian Journal of Physics 86 (5), 323-334, 2012

Modeling of sub-ionospheric VLF signal perturbations associated with total solar eclipse, 2009 in Indian subcontinent, Pal et al. Advances in Space Research 50 (2), 196-204, 2012

First ever VLF monitoring of the lunar occultation of a solar flare during the 2010 annular solar eclipse and its effects on the D-region electron density profile,
Pal et al.
Planetary and Space Science 73 (1), 310-317,

Modeling of the lower ionospheric response and VLF signal modulation during a total solar eclipse using ionospheric chemistry and LWPC, Chakraborty et al. 2016, Astrophysics and Space Science, Volume 361, article id.72, 15.

Annular Solar Eclipse Through Ionospheric Disturbances of VLF Signals. 2010, by Maji et al.,

Unique Observation of a Solar Flare by Lunar Occultation During the 2010 Annular Solar Eclipse Through Ionospheric Disturbances of VLF Signals, June 2012, Earth, moon and planets

Etc etc. Interested persons may contact for pdf files.

Thanks
S. K. Chakrabarti

1816. Re: Fwd: Fwd: Solar Eclipse effects on VLF signal papers

Yahoo group: Super_SID
Date: 2017-02-24 05:21:00 UTC
From: nurainzakaria@...
Topic: 1815 Message: 1816

Its very helpful, thank you very much!

1817. Re: Fwd: SID station in Malaysia (fwd)

Yahoo group: Super_SID
Date: 2017-02-24 07:15:42 UTC
From: NUR AIN ZAKARIA
Topic: 1814 Message: 1817
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you Deborah for replying my message,Ya, im doing my own SID system to monitor solar flare. My system can capture two frequency 19.8kHz (NWC, Australia) and 19.2kHz (VTX4, India). However, result that i got shows normal daily variation only from Australia, i didnt get a good result from India.Im very grateful if u can help and suggest me what supposed i do. Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

On Wednesday, February 22, 2017 7:21 AM, Deborah Scherrer <dscherrer@...> wrote:

Hello Nur,
We are very pleased to hear from you! Your data are quite beautiful.
Many sites produce much more noise than yours. I understand there is a
country-wide SID project in Malaysia where students build their own
monitors. Are you a direct part of that? If so, we would like to hear
more about that project. If you are not part of that project, I think
we would like to hear more about yours as well.

As for becoming part of the SID community, I have copied this note to
the SuperSID yahoo group, set up by the Society of Amateur Radio
Astronomers (SARA). This is the best place to discuss your SID
experiences, post questions, and give research reports.

Again, congratulations on your beautiful SID data! We welcome you to
the SID community and hope to hear more from you.

Deborah Scherrer
Stanford Solar Center

---------- Forwarded message ----------
Date: Wed, 11 Jan 2017 04:20:04 +0000 (UTC)
From: NUR AIN ZAKARIA <nurainzakaria@...>
To: "sol-ctr@..." <sol-ctr@...ord.EDU>
Subject: SID station in Malaysia

Hello Solar Stanford Community,Im Nur Ain postgraduate master in research from Malaysia. Currently, im doing hardware
development of SID system based on published paper. The system respond to solar flare C7.5 on 29th November 2016. Â
I just want to keep in touch with SID community and really looking forward to gain a lot of knowledge.
Attached results from SID station in Malaysia
Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA

(UiTM)40450,
Shah Alam,SelangorMALAYSIAh/p:+60166663643

1818. Re: Fwd: SID station in Malaysia (fwd)

Yahoo group: Super_SID
Date: 2017-02-24 17:22:35 UTC
From: Deborah Scherrer
Topic: 1814 Message: 1818

The first thing to try when looking for an additional station is to reorient your antenna. However, it's frequently the case that stations come from such opposite directions that the antenna can only pick up one.

But your Australia data are quite good! Could you explain to this group the design of your home-built SID? And, are you sending your data to the Stanford data repository? If not, look at the SID website for information on how to do that:
http://solar-center.stanford.edu/SID/DOC/

Deborah

On 2/23/17 11:15 PM, NUR AIN ZAKARIA wrote:
> Thank you Deborah for replying my message,
> Ya, im doing my own SID system to monitor solar flare.
> My system can capture two frequency 19.8kHz (NWC, Australia) and
> 19.2kHz (VTX4, India).
> However, result that i got shows normal daily variation only from
> Australia, i didnt get a good result from India.
> Im very grateful if u can help and suggest me what supposed i do.
> Thanks and Best Regards
>
> Nur Ain Binti Zakaria
>
> Postgraduate Student
> Faculty of Electrical Engineering
> Universiti Teknologi MARA (UiTM)
> 40450, Shah Alam,
> Selangor
> MALAYSIA
> h/p:+60166663643
>
>
> On Wednesday, February 22, 2017 7:21 AM, Deborah Scherrer
> <dscherrer@...> wrote:
>
>
> Hello Nur,
> We are very pleased to hear from you! Your data are quite beautiful.
> Many sites produce much more noise than yours. I understand there is a
> country-wide SID project in Malaysia where students build their own
> monitors. Are you a direct part of that? If so, we would like to hear
> more about that project. If you are not part of that project, I think
> we would like to hear more about yours as well.
>
> As for becoming part of the SID community, I have copied this note to

> the SuperSID yahoo group, set up by the Society of Amateur Radio
> Astronomers (SARA). This is the best place to discuss your SID
> experiences, post questions, and give research reports.
>
> Again, congratulations on your beautiful SID data! We welcome you to
> the SID community and hope to hear more from you.
>
> Deborah Scherrer
> Stanford Solar Center
>
> ---------- Forwarded message ----------
> Date: Wed, 11 Jan 2017 04:20:04 +0000 (UTC)
> From: NUR AIN ZAKARIA <nurainzakaria@...
> <mailto:nurainzakaria@...>>
> To: "sol-ctr@... <mailto:sol-ctr@...>"
> <sol-ctr@... <mailto:sol-ctr@...>>
> Subject: SID station in Malaysia
>
> Hello Solar Stanford Community,Im Nur Ain postgraduate master in
> research from Malaysia. Currently, im doing hardware
> development of SID system based on published paper. The system respond
> to solar flare C7.5 on 29th November 2016. Â
> I just want to keep in touch with SID community and really looking
> forward to gain a lot of knowledge.
> Attached results from SID station in Malaysia
> Thanks and Best Regards
> Nur Ain Binti Zakaria
> Postgraduate StudentFaculty of Electrical EngineeringUniversiti
> Teknologi MARA (UiTM)40450,
> Shah Alam,SelangorMALAYSIAh/p:+60166663643
>
>
>

1819. SID Flare Activity

Yahoo group: Super_SID
Date: 2017-02-26 20:23:52 UTC
From: Deborah Scherrer
Topic: 1819 Message: 1819

Long, long ago I developed an activity for middle and high school students to find flares in the SID database. I have recently updated that activity and will be submitting it to NASA for inclusion in their Wavelength database (http://nasawavelength.org/). If any of you are interested in trying it, I would love your feedback: http://solar-center.stanford.edu/SID/activities/activity.html

Deborah

1820. good article

Yahoo group: Super_SID
Date: 2017-02-28 21:05:56 UTC
From: Deborah Scherrer
Topic: 1820 Message: 1820

Interesting article from our friends in Tunisia:
https://www.degruyter.com/view/j/acgeo.2016.64.issue-6/acgeo-2016-0114/acgeo-2016-0114.xml

Debbie

1821. Fwd: Reset

Yahoo group: Super_SID
Date: 2017-03-01 00:46:35 UTC
From: Deborah Scherrer
Topic: 1821 Message: 1821
Attachments: 2 described; binary payloads are missing from this source WARC

Could one of you folks help get this instrument tuned and properly aligned? He started out with total noise, and is getting it down. But not close to a day/night shape of signal yet.

Thanks, hopefully, for someone out there willing to help!

Deborah

-------- Forwarded Message --------
Subject: Reset
Date: Tue, 28 Feb 2017 17:43:14 -0700
From: galenow <galenow@...>
To: dscherrer@...

I think I'm on the right track
But the signals are still weak?

1822. Re: [Super_SID] Fwd: Reset [2 Attachments]

Yahoo group: Super_SID
Date: 2017-03-02 01:56:31 UTC
From: NUR AIN ZAKARIA
Topic: 1821 Message: 1822

Ive experienced the situation.May I know the location of transmitter and receiver?
1) Check the direction of Rx2) Check ic of the preamplifier Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

On Wednesday, March 1, 2017 9:48 AM, "Deborah Scherrer dscherrer@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from Deborah Scherrer included below] Could one of you folks help get this instrument tuned and properly aligned? He started out with total noise, and is getting it down. But not close to a day/night shape of signal yet.

Thanks, hopefully, for someone out there willing to help!

Deborah

-------- Forwarded Message --------
Subject:	Reset
Date:	Tue, 28 Feb 2017 17:43:14 -0700
From:	galenow <galenow@...>
To:	dscherrer@solar.stanford.edu

I think I'm on the right track
But the signals are still weak?

1823. Re: [Super_SID] Fwd: Reset [2 Attachments]

Yahoo group: Super_SID
Date: 2017-03-02 18:59:21 UTC
From: joncaples4iaas@...
Topic: 1821 Message: 1823

Also check the coax and RF connectors. Coax can go bad over many years sitting in storage and it does not work well if it has even small cuts (especially if water is absorbed!) or sharp bends. BNC connectors should be soldered or crimped on and tested for dc continuity at a minimum or rf continuity if possible. In my experience twist on connectors are useless they seldom work reliably in medium or high power so why try them in very low power use?

How high is your ant. and does it have an open view? Orient your ant. so that the broad (open) side faces the transmitter you are trying to receive although this might reduce signal strength from other sites.

Try the diagnostics in the manual too they are very helpful!

Good luck!

Jon Caples

1824. Re: [Super_SID] Reset

Yahoo group: Super_SID
Date: 2017-03-02 22:11:04 UTC
From: Teacher Chan Apple Address
Topic: 1821 Message: 1824

Thanks For the advise, I have followed directions from the manual and got NWC up to 226. but the other stations are still 0.5-11.00
I will try your suggestions
Cheers,
df
> On Mar 2, 2017, at 11:59 AM, joncaples4iaas@hotmail.com [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Also check the coax and RF connectors. Coax can go bad over many years sitting in storage and it does not work well if it has even small cuts (especially if water is absorbed!) or sharp bends. BNC connectors should be soldered or crimped on and tested for dc continuity at a minimum or rf continuity if possible. In my experience twist on connectors are useless they seldom work reliably in medium or high power so why try them in very low power use?
>
>
> How high is your ant. and does it have an open view? Orient your ant. so that the broad (open) side faces the transmitter you are trying to receive although this might reduce signal strength from other sites.
>
> Try the diagnostics in the manual too they are very helpful!
>
> Good luck!
>
> Jon Caples
>
>

1825. misconception

Yahoo group: Super_SID
Date: 2017-03-04 02:01:43 UTC
From: Deborah Scherrer
Topic: 1825 Message: 1825

I've been reading through some student research papers on the SID & even AWESOME monitors and their data. I've come across an apparently common misconception - that the GOES data trace the time the flare LEAVES the Sun, rather than the time the flare arrives at the GOES satellites, which are circling the Earth. Here's an example: "Each of the flares was detected on Earth exactly 8 minutes after a sudden X-Ray increase was detected on GOES, which was to be expected." Obviously, these students have no idea how difficult it would be to have a spacecraft circling the Sun and detecting flares as they originate. The students are unaware that the GOES satellites orbit the Earth, hence there should be virtually no time delay between the detection of the flare by GOES and the detection of flare effects by SID or AWESOME.

If you work with students, please make sure they understand this. Perhaps we should adjust the documentation to make this more clear.

Debbie

1826. Re: [Super_SID] misconception

Yahoo group: Super_SID
Date: 2017-03-04 20:58:04 UTC
From: galenow
Topic: 1825 Message: 1826

Thanks for the update
Will pass it on

Message from ILL unit #2

> On Mar 3, 2017, at 19:01, Deborah Scherrer dscherrer@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>
> I've been reading through some student research papers on the SID & even
> AWESOME monitors and their data. I've come across an apparently common
> misconception - that the GOES data trace the time the flare LEAVES the
> Sun, rather than the time the flare arrives at the GOES satellites,
> which are circling the Earth. Here's an example: "Each of the flares
> was detected on Earth exactly 8 minutes after a sudden X-Ray increase
> was detected on GOES, which was to be expected." Obviously, these
> students have no idea how difficult it would be to have a spacecraft
> circling the Sun and detecting flares as they originate. The students
> are unaware that the GOES satellites orbit the Earth, hence there should
> be virtually no time delay between the detection of the flare by GOES
> and the detection of flare effects by SID or AWESOME.
>
> If you work with students, please make sure they understand this.
> Perhaps we should adjust the documentation to make this more clear.
>
> Debbie
>
>

1827. Theory for magnetic loop antenna

Yahoo group: Super_SID
Date: 2017-03-06 02:23:20 UTC
From: NUR AIN ZAKARIA
Topic: 1827 Message: 1827

Dear Team,I have developed set of SID to receive 19.8kHz,Now im going to upgrade the system by capturing more frequency,Can anybody share the calculation and theory about loop antenna to capture other frequency?As my previous antenna i just follow the SID manual without understand the concept. Thanks and Best Regards

Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

1828. RE: [Super_SID] Theory for magnetic loop antenna

Yahoo group: Super_SID
Date: 2017-03-06 18:26:21 UTC
From: Keith Payea
Topic: 1827 Message: 1828

Hi:

The SuperSID antenna is not tuned to a particular frequency. It does have an upper frequency limit due to its inductance and the resistance of the wire in combination with the stray capacitances. It works pretty well up to the 48KHz limit of the sound card and software.

There is a lot of information about loop antennas at this site:

www.vlf.it

I highly recommend it.

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Sunday, March 05, 2017 18:23
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Theory for magnetic loop antenna

Dear Team,

I have developed set of SID to receive 19.8kHz,

Now im going to upgrade the system by capturing more frequency,

Can anybody share the calculation and theory about loop antenna to capture other frequency?

As my previous antenna i just follow the SID manual without understand the concept.

Thanks and Best Regards

Nur Ain Binti Zakaria

Postgraduate Student

Faculty of Electrical Engineering

Universiti Teknologi MARA (UiTM)

40450, Shah Alam,

Selangor

MALAYSIA

h/p:+60166663643

1829. Re: By Jove I think we got it...

Yahoo group: Super_SID
Date: 2017-03-07 21:10:55 UTC
From: Deborah Scherrer
Topic: 1829 Message: 1829
Attachments: 1 described; binary payloads are missing from this source WARC

Don, I don't think you're there yet. Good SID data should show a
significant difference between day and night. Attached is an example
of good SID data.

On 3/7/17 12:22 PM, galenow wrote:
> Hi Ms. Deborah, I think this is finally done could you check to see if the data is being received out there?
> Cheers
> Don
>
>
>
>
>
> Message from ILL unit #2

1830. Periodic drop down in signal strength

Yahoo group: Super_SID
Date: 2017-03-12 20:36:17 UTC
From: ricgama@...
Topic: 1830 Message: 1830
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,
My name is Ricardo Gama and I’m from Viseu, Portugal. As you can see in the attached plot, I’m recording some periodic drop down in the signal strength. Anyone as any idea of what could be causing this? Everything else appears to be right, as we can clearly see the day/night pattern.
Thank you in advance,
Best regards,
Ricardo

1831. Sudden Ionosphere Disturbance (SID) for solar eruption , M4.4, C5.1, C3.7, 2017/04/01 UT

Yahoo group: Super_SID
Date: 2017-04-02 21:00:45 UTC
From: drsaguirre@...
Topic: 1831 Message: 1831

Sudden Ionosphere Disturbance (SID) for solar eruption , M4.4, C5.1, C3.7, 2017/04/01 UT

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event: M4.4, C5.1, C3.7..

Date: 2017/04/01 UT
Time: 19:00 -24:00 Hrs UT

Site: 29.10 N , -110.96

Solar Active Region: 2644/2645

SID`s Images here: Spanish (please use Translator)...

https://goo.gl/KC7QEC https://goo.gl/KC7QEC

regards

Salvador Aguirre
SARA/AAVSO.

Son, Mex.

1832. Sudden Ionosphere Disturbance (SID) for solar eruption ,M5.7., M2.1, C4.7, 2017/04/02 UT

Yahoo group: Super_SID
Date: 2017-04-03 12:16:04 UTC
From: drsaguirre@...
Topic: 1832 Message: 1832

Sudden Ionosphere Disturbance (SID) for solar eruption ,M5.7., M2.1, C4.7, 2017/04/02 UT

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event: M5.7., M2.1, C4.7

Date: 2017/04/02 UT
Time: 18:00 -22:00 Hrs UT

Site: 29.10 N , -110.96

Solar Active Region: 2644..

SID`s Images here: Spanish (please use Translator)...

https://goo.gl/q8dKYn https://goo.gl/q8dKYn

regards

Salvador Aguirre
SARA/AAVSO.

Son, Mex.

1833. Flare Events no longer available

Yahoo group: Super_SID
Date: 2017-04-10 09:46:13 UTC
From: jpbolengo@...
Topic: 1833 Message: 1833

Hello
Does anyone know where the following link has been moved?
http://www.swpc.noaa.gov/ftpdir/indices/events/
http://www.swpc.noaa.gov/ftpdir/indices/events/(date)events.txt

Thanks for your help
Jean-Pierre

1834. RE: [Super_SID] Flare Events no longer available

Yahoo group: Super_SID
Date: 2017-04-10 15:53:03 UTC
From: Keith Payea
Topic: 1833 Message: 1834

Hello:

I use this page as an overall view of solar activity:

http://www.swpc.noaa.gov/communities/space-weather-enthusiasts#

If you go to the bottom of that page there is a large list of the reports and data available if you prefer a different format.

Regards,

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Monday, April 10, 2017 02:46
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Flare Events no longer available

Hello
Does anyone know where the following link has been moved?
http://www.swpc.noaa.gov/ftpdir/indices/events/(date)events.txt

Thanks for your help
Jean-Pierre

1835. Total Solar Eclipse 2017

Yahoo group: Super_SID
Date: 2017-04-12 06:16:55 UTC
From: sudipta sasmal
Topic: 1835 Message: 1835
Attachments: 5 described; binary payloads are missing from this source WARC

Dear All,

Myself Dr. Sudipta Sasmal, Assistant Professor from Indian Centre for Space Physics, Kolkata, India. We are a group of researchers involved in Ionospheric Sciences. We mainly study the effects of terrestrial (lightning and lightening induced phenomena, LAIC coupling etc.), solar (solar flare, solar eclipse) and other high energetic phenomena like GRBs/SGRs using VLF radio wave propagation technique. We are also involved in polar ionospheric study from Indian Antarctic stations.

You all might be knowing about the upcoming total solar eclipse on 17 August, 2017 in the North American region. In this fascinating event, it is a good opportunity to be involved in study of the effects of the solar eclipse on lower ionosphere using the VLF radio wave propagation method. I hope many of you have already scheduled to study this effect using different VLF instruments (Sid, Super Sid, AWESOME, SoftPal, UltramSK etc.). In this context I would like to inform you that we have conducted several campaigns during total (22/07/2009 and 9/03/2016) and annular solar eclipses (15/01/2010) in India and its sub-continent region. We executed multi-station VLF campaigns for almost 15-16 places simultaneously to record the VLF data to study the lower ionospheric response of these eclipses. We got significant effects during most of the eclipses and we have modelled our observation precisely with Geant-4 Moneta Carlo simulation and D-region ions chemistry model. For your understanding and support, I have attached all our published papers with this email.

In this prime opportunity, I hope those who are fortunate to be present in the total/partial eclipse belt can execute similar type of campaign and observation. There is another great event URSI GASS 2017 which will be held in Montreal, Canada during 19-26 August, 2017. So those who are outside of USA can also plan such observational campaign if you are going to attend the URSI meeting. We are also looking for a campaign from our side.

Please feel free to ask regarding the experimental plans, campaigns etc. Please
circulate this in other ionospheric science community if they also can join us. You can contact me (meet2ss25@...) or Professor S. K. Chakrabarti (sandipchakrabarti9@...).
I would like to mention another important event 42nd COSPAR Scientific Assembly which will be held in Pasadena, CA, United States, during 14 - 22 July, 2018. We have a scientific session C0.3 in that meeting. The abstract submission will be started soon. Good results for this 21st August campaign would be most welcome to be presented there. In our homepage you will find the information of the eclipses, the activities and other publications (http://csp.res.in). Let’s hope for a memorable VLF observation during the

upcoming solar eclipse. Thank you. Dr. Sudipta Sasmal Indian Centre for Space Physics, Kolkata, India

1836. RE: [Super_SID] Flare Events no longer available

Yahoo group: Super_SID
Date: 2017-04-15 10:01:40 UTC
From: jpbolengo@...
Topic: 1833 Message: 1836

Thank you, I will have a look as soon as I have time.
Jean-Pierre

1837. 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-04-19 15:53:30 UTC
From: drsaguirre@...
Topic: 1837 Message: 1837

2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event:C5.5

Date: 2017/04/18 UT
Time: 19:40 -22:30 Hrs UT

Site: 29.10 N , -110.96

Solar Active Region: 2651..

SID`s Images here: Spanish (please use Translator)...

https://goo.gl/uW5Vdk https://goo.gl/uW5Vdk

regards

Salvador Aguirre
SARA/AAVSO.

Son, Mex.

1838. Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-04-26 10:08:05 UTC
From: aazaan12@...
Topic: 1837 Message: 1838

Hi dear.

Can you help me regarding superSID proper functioning. I have a lot of problems in setting it up.. i am getting different peaks in the superSID window,, which represent some transmitters but it does not shows the day night signature in the plots for any transmitters i have added to the configuration file. It makes a sense to me that I am getting Ground waves by my antenna-amplifier system.
what should I do,,,any good suggestion please. expecting a positive response. God bless u. :)

1839. Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-04-26 10:10:08 UTC
From: aazaan12@...
Topic: 1837 Message: 1839

I am from Pakistan working on it. please help me, I am studying ionospheric data and solar flares through superSID. thanks in anticipation.

1840. Re: Fwd: Reset

Yahoo group: Super_SID
Date: 2017-04-26 10:31:08 UTC
From: aazaan12@...
Topic: 1821 Message: 1840

Hi

My instrument seem good when it come to signals strength and it also show the peaks in the graphs which means some transmitters.. but it doesn't give the day night signatures.. why it is so.. could these transmitters be in some near by location and does my instrument see the ground waves. any suggestion please.. i get tired of searching different approaches and location for the installation location.

Any help please... .

1841. RE: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-04-26 15:56:20 UTC
From: Keith Payea
Topic: 1837 Message: 1841

Hi:

To see the day/night signature, you need to use the “Plot” function in the menu.

Have you set up the configuration file (\SuperSID\Config\supersid.cfg) to record the transmitters you can see in the spectrum?

Configuration file setup and plotting are described in pages 24 – 30 of the manual.

Regards,

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, April 26, 2017 03:08
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Hi dear.

Can you help me regarding superSID proper functioning. I have a lot of problems in setting it up.. i am getting different peaks in the superSID window,, which represent some transmitters but it does not shows the day night signature in the plots for any transmitters i have added to the configuration file. It makes a sense to me that I am getting Ground waves by my antenna-amplifier system.

what should I do,,,any good suggestion please. expecting a positive response. God bless u. :)

1842. SARA Annual Conference

Yahoo group: Super_SID
Date: 2017-04-26 19:52:47 UTC
From: WILLIAM & MELINDA LORD
Topic: 1842 Message: 1842

Now is the time to make plans to attend the 2017 SARA Annual Conference at Green Bank, WV. You can find details and registration information at 2017 SARA Conferences | Society of Amateur Radio Astronomers

|
| |
2017 SARA Conferences | Society of Amateur Radio Astronomers
| |

|

Bill & Melinda Lord
www.radio-astronomy.org

Light travels faster than sound. This is why some people appear bright until you hear them speak. :-)

1843. Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-04-27 22:49:33 UTC
From: drsaguirre@...
Topic: 1837 Message: 1843

Hi Gohar.

Please read the manual of SuperSID , page 30.

may be your problem : the antenna..

the distance betwen the PC and the Antenna is better if close..

http://solar-center.stanford.edu/SID/DOC/SuperSID-Manual.pdf
http://solar-center.stanford.edu/SID/DOC/SuperSID-Manual.pdf

salvador aguirre
Mex.

1844. Re: *****SPAM***** Re: Fwd: SID station in Malaysia (fwd)

Yahoo group: Super_SID
Date: 2017-04-30 00:38:55 UTC
From: Deborah Scherrer
Topic: 1844 Message: 1844

If you are talking about signal strength on the SID data graphs, then
the units are arbitrary. Each instrument will show a different scale.
When we graph the data sets in the SID data archive, we normalize them.

Debbie

On 4/29/17 3:50 PM, NUR AIN ZAKARIA wrote:
>
> Hi Team
> Eventhough my data quite good, im curious why the signal is too high
> compared with other receiver station. Is it correct that y-axis is
> signal strength unit in (dB) or it is in Watt?
>
> Thanks and Best Regards
>
> Nur Ain Binti Zakaria
>
> Postgraduate Student
> Faculty of Electrical Engineering
> Universiti Teknologi MARA (UiTM)
> 40450, Shah Alam,
> Selangor
> MALAYSIA
> h/p:+60166663643
>
>
> On Friday, February 24, 2017 9:22 AM, Deborah Scherrer
> <dscherrer@...> wrote:
>
>
> The first thing to try when looking for an additional station is to
> reorient your antenna. However, it's frequently the case that stations
> come from such opposite directions that the antenna can only pick up one.
>
> But your Australia data are quite good! Could you explain to this
> group the design of your home-built SID? And, are you sending your
> data to the Stanford data repository? If not, look at the SID
> website for information on how to do that:
> http://solar-center.stanford.edu/SID/DOC/
>
> Deborah
>
> On 2/23/17 11:15 PM, NUR AIN ZAKARIA wrote:
>> Thank you Deborah for replying my message,
>> Ya, im doing my own SID system to monitor solar flare.

>> My system can capture two frequency 19.8kHz (NWC, Australia) and
>> 19.2kHz (VTX4, India).
>> However, result that i got shows normal daily variation only from
>> Australia, i didnt get a good result from India.
>> Im very grateful if u can help and suggest me what supposed i do.
>> Thanks and Best Regards
>>
>> Nur Ain Binti Zakaria
>>
>> Postgraduate Student
>> Faculty of Electrical Engineering
>> Universiti Teknologi MARA (UiTM)
>> 40450, Shah Alam,
>> Selangor
>> MALAYSIA
>> h/p:+60166663643
>>
>>
>> On Wednesday, February 22, 2017 7:21 AM, Deborah Scherrer
>> <dscherrer@...> <mailto:dscherrer@...>
>> wrote:
>>
>>
>> Hello Nur,
>> We are very pleased to hear from you! Your data are quite beautiful.
>> Many sites produce much more noise than yours. I understand there is a
>> country-wide SID project in Malaysia where students build their own
>> monitors. Are you a direct part of that? If so, we would like to hear
>> more about that project. If you are not part of that project, I think
>> we would like to hear more about yours as well.
>>
>> As for becoming part of the SID community, I have copied this note to
>> the SuperSID yahoo group, set up by the Society of Amateur Radio
>> Astronomers (SARA). This is the best place to discuss your SID
>> experiences, post questions, and give research reports.
>>
>> Again, congratulations on your beautiful SID data! We welcome you to
>> the SID community and hope to hear more from you.
>>
>> Deborah Scherrer
>> Stanford Solar Center
>>
>> ---------- Forwarded message ----------
>> Date: Wed, 11 Jan 2017 04:20:04 +0000 (UTC)
>> From: NUR AIN ZAKARIA <nurainzakaria@...
>> <mailto:nurainzakaria@...>>
>> To: "sol-ctr@... <mailto:sol-ctr@...>"
>> <sol-ctr@... <mailto:sol-ctr@...>>
>> Subject: SID station in Malaysia
>>

>> Hello Solar Stanford Community,Im Nur Ain postgraduate master in
>> research from Malaysia. Currently, im doing hardware
>> development of SID system based on published paper. The system
>> respond to solar flare C7.5 on 29th November 2016. Â
>> I just want to keep in touch with SID community and really looking
>> forward to gain a lot of knowledge.
>> Attached results from SID station in Malaysia
>> Thanks and Best Regards
>> Nur Ain Binti Zakaria
>> Postgraduate StudentFaculty of Electrical EngineeringUniversiti
>> Teknologi MARA (UiTM)40450,
>> Shah Alam,SelangorMALAYSIAh/p:+60166663643
>>
>>
>>
>
>
>

1845. Re: Fwd: SID station in Malaysia (fwd)

Yahoo group: Super_SID
Date: 2017-04-29 22:50:28 UTC
From: NUR AIN ZAKARIA
Topic: 1814 Message: 1845

Hi TeamEventhough my data quite good, im curious why the signal is too high compared with other receiver station. Is it correct that y-axis is signal strength unit in (dB) or it is in Watt?
Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

On Friday, February 24, 2017 9:22 AM, Deborah Scherrer <dscherrer@...> wrote:

The first thing to try when looking for an additional station is to reorient your antenna. However, it's frequently the case that stations come from such opposite directions that the antenna can only pick up one.

But your Australia data are quite good! Could you explain to this group the design of your home-built SID? And, are you sending your data to the Stanford data repository? If not, look at the SID website for information on how to do that:
http://solar-center.stanford.edu/SID/DOC/

Deborah

On 2/23/17 11:15 PM, NUR AIN ZAKARIA wrote:

Thank you Deborah for replying my message, Ya, im doing my own SID system to monitor solar flare. My system can capture two frequency 19.8kHz (NWC, Australia) and 19.2kHz (VTX4, India). However, result that i got shows normal daily variation only from Australia, i didnt get a good result from India. Im very grateful if u can help and suggest me what supposed i do. Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate Student Faculty of Electrical Engineering Universiti Teknologi MARA (UiTM) 40450, Shah Alam, Selangor MALAYSIA h/p:+60166663643

On Wednesday, February 22, 2017 7:21 AM, Deborah Scherrer <dscherrer@...> wrote:

Hello Nur,
We are very pleased to hear from you! Your data are quite beautiful.
Many sites produce much more noise than yours. I understand there is a
country-wide SID project in Malaysia where students build their own
monitors. Are you a direct part of that? If so, we would like to hear
more about that project. If you are not part of that project, I think
we would like to hear more about yours as well.

As for becoming part of the SID community, I have copied this note to
the SuperSID yahoo group, set up by the Society of Amateur Radio
Astronomers (SARA). This is the best place to discuss your SID
experiences, post questions, and give research reports.

Again, congratulations on your beautiful SID data! We welcome you to
the SID community and hope to hear more from you.

Deborah Scherrer
Stanford Solar Center

---------- Forwarded message ----------
Date: Wed, 11 Jan 2017 04:20:04 +0000 (UTC)
From: NUR AIN ZAKARIA <nurainzakaria@yahoo.com>
To: "sol-ctr@..." <sol-ctr@...>
Subject: SID station in Malaysia

Hello Solar Stanford Community,Im Nur Ain postgraduate master in research from Malaysia. Currently, im doing hardware
development of SID system based on published paper. The system respond to solar flare C7.5 on 29th November 2016. Â
I just want to keep in touch with SID community and really looking forward to gain a lot of knowledge.
Attached results from SID station in Malaysia
Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450,
Shah Alam,SelangorMALAYSIAh/p:+60166663643

1846. Link for Loop Antenna

Yahoo group: Super_SID
Date: 2017-04-30 13:18:45 UTC
From: NUR AIN ZAKARIA
Topic: 1846 Message: 1846

Hi SuperSID team,Here I shared list of links that might be helpful 1) Sensitivity of Multi Turn Receiving Loops by William E. Payne http://www.vlf.it/octoloop/rlt-n4ywk.htm 2) Going low in Frequency with Loop Antenna by
Peter http://www.vlf.it/lowfloop/lowfloop.htm3) LF
manufacturer https://www.lfengineering.com/products.cfm#LF/VLF Antennas
 Thanks and Best Regards
Nur Ain Binti Zakaria
PostgraduateStudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

1847. Re: *****SPAM***** Re: Fwd: SID station in Malaysia (fwd)

Yahoo group: Super_SID
Date: 2017-04-30 06:14:47 UTC
From: NUR AIN ZAKARIA
Topic: 1844 Message: 1847
Attachments: 1 described; binary payloads are missing from this source WARC

Thank for your respond,Attached is my result, as you can see the y-axis give a very large value, can I put y-axis as signal strength (dB)? Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

On Sunday, April 30, 2017 8:39 AM, Deborah Scherrer <dscherrer@...> wrote:

If you are talking about signal strength on the SID data graphs, then the units are arbitrary. Each instrument will show a different scale. When we graph the data sets in the SID data archive, we normalize them.

Debbie

On 4/29/17 3:50 PM, NUR AIN ZAKARIA wrote:

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Deborah

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Postgraduate Student Faculty of Electrical Engineering Universiti Teknologi MARA (UiTM) 40450, Shah Alam, Selangor MALAYSIA h/p:+60166663643

On Wednesday, February 22, 2017 7:21 AM, Deborah Scherrer <dscherrer@...> wrote:

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Many sites produce much more noise than yours. I understand there is a
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As for becoming part of the SID community, I have copied this note to
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experiences, post questions, and give research reports.

Again, congratulations on your beautiful SID data! We welcome you to
the SID community and hope to hear more from you.

Deborah Scherrer
Stanford Solar Center

---------- Forwarded message ----------
Date: Wed, 11 Jan 2017 04:20:04 +0000 (UTC)
From: NUR AIN ZAKARIA <nurainzakaria@...>
To: "sol-ctr@....edu" <sol-ctr@...>
Subject: SID station in Malaysia

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development of SID system based on published paper. The system respond to solar flare C7.5 on 29th November 2016. Â
I just want to keep in touch with SID community and really looking forward to gain a lot of knowledge.
Attached results from SID station in Malaysia
Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450,
Shah Alam,SelangorMALAYSIAh/p:+60166663643

1848. Re: SID Flare Activity

Yahoo group: Super_SID
Date: 2017-05-06 08:42:23 UTC
From: dave.roesimons625@...
Topic: 1819 Message: 1848

Thanks for your help. I'm a high school science teacher in South Australia (Murray Bridge) and am working on introducing Radio Telescopy at year 9 and 11. Still at the teaching myself stage, SID seems a very achievable starting point, and your work has been a huge guide to me.

Dave Roe-Simons.

1849. Re: Fwd: Re: Fwd: VLF earthquake audio recording

Yahoo group: Super_SID
Date: 2017-05-06 09:01:59 UTC
From: dave.roesimons625@...
Topic: 1754 Message: 1849

Ultimately I would like to be a part of this interest group. I am setting up a course at the school I teach at in South Australia, and have already a seismometer as a part of the Seismometers in Schools program, convened by the Australian National University. Any information with regards to using this tool as a supplementary to the seismometer would be fantastic, (and would get me leverage for the school to purchase more than one SID).

Thanks Dave Roe-Simons.

1850. Remote Sensing with SID

Yahoo group: Super_SID
Date: 2017-05-06 09:44:51 UTC
From: dave.roesimons625@...
Topic: 1850 Message: 1850

I would like to set up 2 stations with my students. One within the school groounds, and one in a remote paddock 24km north of the town (18000 popn) and 10km south of the nearest town (popn 100 at height of shearing season). Nearest power is a SWR line terminating 500m north of the proposed location.

Has anyone any knowledge of establishing Super SID with remote sensing options? I would like to set up a sort of relay system using internet so that we can monitor both stations concurrently.

Also, many, many years ago as a young soldier, I recall dropping a di pole into a river in a mountainous region of Tasmania on night, upon which we got outstanding reception. Very close to the school is the River Murray, Australias Longest river system, and I was wondering if it would be worth exploring the possibility of using that as an antennae?

All advice gratefully recieved.

Dave

1851. Re: [Super_SID] Remote Sensing with SID

Yahoo group: Super_SID
Date: 2017-05-06 17:42:27 UTC
From: Steve Berl
Topic: 1850 Message: 1851

You will need a computer with some sort of Internet connection at each location. If you have both of them upload data to the Stanford servers, then all the data from both stations will be available anywhere in the world you have a web browser.

The data is uploaded to the servers once per day at 0000 UTC.

Be sure that the clocks of both machines are synchronized to some NTP time server.

Not sure about using the river as an antenna. Interesting idea.
Reminds me of when my old college radio station, which was licensed to only transmit over the power lines on campus (AM carrier current) decided that the railroad tracks behind the studio might make a good antenna. Suddenly the station was heard all over New England, and the FCC showed up a day or so later and made them disconnect.

-steve

On Sat, May 6, 2017 at 2:44 AM, dave.roesimons625@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> I would like to set up 2 stations with my students. One within the school
> groounds, and one in a remote paddock 24km north of the town (18000 popn)
> and 10km south of the nearest town (popn 100 at height of shearing season).
> Nearest power is a SWR line terminating 500m north of the proposed location.
>
> Has anyone any knowledge of establishing Super SID with remote sensing
> options? I would like to set up a sort of relay system using internet so
> that we can monitor both stations concurrently.
>
> Also, many, many years ago as a young soldier, I recall dropping a di pole
> into a river in a mountainous region of Tasmania on night, upon which we
> got outstanding reception. Very close to the school is the River Murray,
> Australias Longest river system, and I was wondering if it would be worth
> exploring the possibility of using that as an antennae?
>
> All advice gratefully recieved.
>
> Dave
>
>
>
>

--
-steve

1852. RE: [Super_SID] Remote Sensing with SID

Yahoo group: Super_SID
Date: 2017-05-07 06:28:06 UTC
From: Roe-Simons, Dave (Murray Bridge High Scho
Topic: 1850 Message: 1852

Right, we’re on then. The school will order 2, or if I can convince them 3, units this week. Two for ongoing recording, one for antennae experimentation.

Thanks for your response.
From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Sunday, 7 May 2017 3:12 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Remote Sensing with SID

You will need a computer with some sort of Internet connection at each location. If you have both of them upload data to the Stanford servers, then all the data from both stations will be available anywhere in the world you have a web browser.

The data is uploaded to the servers once per day at 0000 UTC.

Be sure that the clocks of both machines are synchronized to some NTP time server.

Not sure about using the river as an antenna. Interesting idea.
Reminds me of when my old college radio station, which was licensed to only transmit over the power lines on campus (AM carrier current) decided that the railroad tracks behind the studio might make a good antenna. Suddenly the station was heard all over New England, and the FCC showed up a day or so later and made them disconnect.

-steve

On Sat, May 6, 2017 at 2:44 AM,
dave.roesimons625@schools.sa.edu.au<mailto:dave.roesimons625@schools.sa.edu.au>
[Super_SID] <Super_SID@yahoogroups.com<mailto:Super_SID@yahoogroups.com>> wrote:

I would like to set up 2 stations with my students. One within the school groounds, and one in a remote paddock 24km north of the town (18000 popn) and 10km south of the nearest town (popn 100 at height of shearing season). Nearest power is a SWR line terminating 500m north of the proposed location.

Has anyone any knowledge of establishing Super SID with remote sensing options? I would like to set up a sort of relay system using internet so that we can monitor both stations concurrently.

Also, many, many years ago as a young soldier, I recall dropping a di pole into a river in a mountainous region of Tasmania on night, upon which we got outstanding reception. Very close to the school is the River Murray, Australias Longest river system, and I was wondering if it would be worth exploring the possibility of using that as an antennae?

All advice gratefully recieved.

Dave

--
-steve

This message is intended for the addressee named and may contain privileged information or confidential information or both. If you are not the intended recipient please delete it and notify the sender.

1853. Quantized Looking Data

Yahoo group: Super_SID
Date: 2017-05-11 01:34:19 UTC
From: kf7mzy@...
Topic: 1853 Message: 1853
Attachments: 1 described; binary payloads are missing from this source WARC

Hi all,

Here is 24 hours of data. I selected the NAA signal to plot and here is what I got. Any suggestion?

David

1854. Re: Quantized Looking Data

Yahoo group: Super_SID
Date: 2017-05-11 02:45:36 UTC
From: kf7mzy@...
Topic: 1853 Message: 1854
Attachments: 1 described; binary payloads are missing from this source WARC

Here's the received signal from the Super-Sid. This goes with the NAA signal pix I sent.

1855. Re: [Super_SID] Quantized Looking Data [1 Attachment]

Yahoo group: Super_SID
Date: 2017-05-11 05:33:03 UTC
From: NUR AIN ZAKARIA
Topic: 1853 Message: 1855

Hi David,I just wanna ask u, your x-axis is in UT or LT?Based on the result there is no pattern of sunrise and sunset Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

On Thursday, May 11, 2017 10:31 AM, "kf7mzy@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from kf7mzy@... included below] Hi all,
Here is 24 hours of data. I selected the NAA signal to plot and here is what I got. Any suggestion?
David

1856. Re: Quantized Looking Data

Yahoo group: Super_SID
Date: 2017-05-11 13:27:02 UTC
From: kf7mzy@...
Topic: 1853 Message: 1856
Attachments: 1 described; binary payloads are missing from this source WARC

This goes with the previous pix. This is thel Intensity v Freq plot from my system.

1857. RE: [Super_SID] Quantized Looking Data [1 Attachment]

Yahoo group: Super_SID
Date: 2017-05-11 16:41:48 UTC
From: Keith Payea
Topic: 1853 Message: 1857

Hello David:

It looks like all you are receiving is noise. From the real time plot, the signal levels look very high. The only signal on my graph that reaches 70dB is a noise spike at about 17KHz. The pattern in the daily plot looks like maybe an HVAC system turning on and off.

Where is your antenna located?

Are you using a laptop computer?

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, May 10, 2017 18:34
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Quantized Looking Data [1 Attachment]

[Attachment(s) from kf7mzy@... included below]

Hi all,

Here is 24 hours of data. I selected the NAA signal to plot and here is what I got. Any suggestion?

David

1858. RE: [Super_SID] Quantized Looking Data

Yahoo group: Super_SID
Date: 2017-05-11 16:46:53 UTC
From: Keith Payea
Topic: 1853 Message: 1858

OK, I have no idea why that one line is in a huge font. I didn’t send it that way…

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Thursday, May 11, 2017 09:42
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] Quantized Looking Data

Hello David:

It looks like all you are receiving is noise. From the real time plot, the signal levels look very high. The only signal on my graph that reaches 70dB is a noise spike at about 17KHz. The pattern in the daily plot looks like maybe an HVAC system turning on and off.

Where is your antenna located?

Are you using a laptop computer?

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, May 10, 2017 18:34
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Quantized Looking Data [1 Attachment]

[Attachment(s) from kf7mzy@... <mailto:kf7mzy@yahoocom> included below]

Hi all,

Here is 24 hours of data. I selected the NAA signal to plot and here is what I got. Any suggestion?

David

1859. Re: [Super_SID] Quantized Looking Data

Yahoo group: Super_SID
Date: 2017-05-11 19:59:18 UTC
From: Steve Berl
Topic: 1853 Message: 1859

Looks like some sort of HVAC to me also.
If you get rid of the spikes, you may see the much lower level data coming through and see the sunrise pattern. But because of the way the graphing software scales things, big spikes will cause the "real" interesting data to be squished so small you can't see it in the plot.

You might go in to the raw data file and delete the sections with big spikes, then plot it again to see what you get. It might be interesting.

But you do need to find a way to get rid of the spikes, mostly a matter of moving the antenna away from the source.

-steve

On Thu, May 11, 2017 at 9:46 AM, 'Keith Payea' kpayea@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> OK, I have no idea why that one line is in a huge font. I didn’t send it
> that way…
>
>
>
> Keith
>
>
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Thursday, May 11, 2017 09:42
> *To:* Super_SID@yahoogroups.com
> *Subject:* RE: [Super_SID] Quantized Looking Data
>
>
>
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>
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> Hello David:
>
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> It looks like all you are receiving is noise. From the real time plot,
> the signal levels look very high. The only signal on my graph that reaches
> 70dB is a noise spike at about 17KHz. The pattern in the daily plot looks
> like maybe an HVAC system turning on and off.
>

>
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> Where is your antenna located?
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> Are you using a laptop computer?
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> Keith
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> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com
> <Super_SID@yahoogroups.com>]
> *Sent:* Wednesday, May 10, 2017 18:34
> *To:* Super_SID@yahoogroups.com
> *Subject:* [Super_SID] Quantized Looking Data [1 Attachment]
>
>
>
>
>
> *[Attachment(s) <#m_7608727716034301064_TopText> from kf7mzy@...
> <kf7mzy@yahoocom> included below]*
>
> Hi all,
>
>
>
> Here is 24 hours of data. I selected the NAA signal to plot and here is
> what I got. Any suggestion?
>
>
>
> David
>
>
>

--
-steve

1860. RE: [Super_SID] Quantized Looking Data [1 Attachment]

Yahoo group: Super_SID
Date: 2017-05-12 04:51:34 UTC
From: kf7mzy@...
Topic: 1853 Message: 1860

Hey Keith et al,

Right now for initial set up and system check out the antenna is outside under the patio close to the house...using a laptop. No HVAC running at this time. I am able to aim the antenna to the sources and watch the signal increase on the real time display. The signals also increase nicely during the night. I will post an image of a night time display. We are out of town and the system is running until we get back in a couple of days...at that time I will check the plots and send some images. I was able to see the sunset and sunrise signature as well as the increase at noon in spite of the quantized looking plot. All times are UTC and show the correct sunrise/set and noon times.This is my set up data to make sure everything is working and it seems to be. Now I will have to address the apparent noise sources. I am slowly understanding the concepts of the SID program and its equipment and software and I appreciate all of the comments and help from the group. I hope to make several RFI quite location tests before the eclipse.

Thanks everyone,

David

---In Super_SID@yahoogroups.com, <kpayea@...> wrote :

Hello David:

It looks like all you are receiving is noise. From the real time plot, the signal levels look very high. The only signal on my graph that reaches 70dB is a noise spike at about 17KHz. The pattern in the daily plot looks like maybe an HVAC system turning on and off.

Where is your antenna located?

Are you using a laptop computer?

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, May 10, 2017 18:34
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Quantized Looking Data [1 Attachment]

[Attachment(s) #TopText from kf7mzy@... mailto:kf7mzy@... included below]
Hi all,

Here is 24 hours of data. I selected the NAA signal to plot and here is what I got. Any suggestion?

David

1861. RE: [Super_SID] Quantized Looking Data

Yahoo group: Super_SID
Date: 2017-05-12 17:46:35 UTC
From: Keith Payea
Topic: 1853 Message: 1861

Hi David:

Sounds good! If you are going to use the laptop for this always, you might improve the noise situation by tying the laptop to earth. One reason that desktop machines seem to have better results is that the 3rd wire in the power cord ties the chassis and the logic ground to earth. If the laptop has no earth connections, that seems to make things worse. I discovered this by accident on my own setup when I attached an oscilloscope ground wire to the circuit and the noise went away. The scope was grounded by its power cord.

Cheers,

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Thursday, May 11, 2017 21:52
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] Quantized Looking Data

Hey Keith et al,

Right now for initial set up and system check out the antenna is outside under the patio close to the house...using a laptop. No HVAC running at this time. I am able to aim the antenna to the sources and watch the signal increase on the real time display. The signals also increase nicely during the night. I will post an image of a night time display. We are out of town and the system is running until we get back in a couple of days...at that time I will check the plots and send some images. I was able to see the sunset and sunrise signature as well as the increase at noon in spite of the quantized looking plot. All times are UTC and show the correct sunrise/set and noon times.This is my set up data to make sure everything is working and it seems to be. Now I will have to address the apparent noise sources. I am slowly understanding the concepts of the SID program and its equipment and software and I appreciate all of the comments and help from the group. I hope to make several RFI quite location tests before the eclipse.

Thanks everyone,

David

---In Super_SID@yahoogroups.com, <kpayea@...> wrote :

Hello David:

It loo! ks like all you are receiving is noise. From the real time plot, the signal levels look very high. The only signal on my graph that reaches 70dB is a noise spike at about 17KHz. The pattern in the daily plot looks like maybe an HVAC system turning on and off.

Where is your antenna located?

Are you using a laptop computer?

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, May 10, 2017 18:34
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Quantized Looking Data [1 Attachment]

[Attachment(s) from kf7mzy@... included below]

Hi all,

Here is 24 hours of data. I selected the NAA signal to plot and here is what I got. Any suggestion?

David

1862. RE: [Super_SID] Quantized Looking Data

Yahoo group: Super_SID
Date: 2017-05-15 04:02:33 UTC
From: kf7mzy@...
Topic: 1853 Message: 1862
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Keith,

I tried to send this earlier but I don't know if it posted properly...sorry if this is a repeat

I noticed that the metal can that houses the SID is not tied to the shield of the RG antenna cable. It is also isolated from a common ground with the negative side of the 5 v USB and audio cable to the computer audio in. When you speak of grounding the laptop are you talking about using the USB 5 v negative side as the ground point? I have not grounded the laptop yet...I will wait for your reply.

I did ground the shield side of the RG cable and real time display did not change from ungrounded connection. However when I grounded the central conductor and the real time display changed. The results are seen in the attached pix. I used a direct earth ground using the copper ground rod for my HF and VHF antennas.

Is this the correct set in the Config File for data:

```
log_interval = 5
log_type = filtered
scaling_factor = 220.0
```

Those are the default values that came with the DOC file on the disk.

Thanks for any help.

David

1863. RE: [Super_SID] Quantized Looking Data [2 Attachments]

Yahoo group: Super_SID
Date: 2017-05-15 16:26:39 UTC
From: Keith Payea
Topic: 1853 Message: 1863

Hi David:

The key is to tie the laptop to earth. So, the easiest thing to access is the USB or Audio cable ground. What I have done is to run a ground wire in through the grommet on the side of the tin and tie it to the terminal block. Just remove the BNC nut and back the PCB out of the hole to gain access to the block.

For a quick test, use another USB cable and a clip lead to attach the shield to ground.

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Sunday, May 14, 2017 21:03
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] Quantized Looking Data [2 Attachments]

[Attachment(s) from kf7mzy@... included below]

Hi Keith,

I tried to send this earlier but I don't know if it posted properly...sorry if this is a repeat

I noticed that the metal can that houses the SID is not tied to the shield of the RG antenna cable. It is also isolated from a common ground with the negative side of the 5 v USB and audio cable to the computer audio in. When you speak of grounding the laptop are you talking about using the USB 5 v negative side as the ground point? I have not grounded the laptop yet...I will wait for your reply.

I did ground the shield side of the RG cable and real time display did not change from ungrounded connection. However when I grounded the central conductor and the real time display changed. The results are seen in the attached pix. I used a direct earth ground using the copper ground rod for my HF and VHF antennas.

Is this the correct set in the Config File for data:

log_interval = 5

log_type = filtered

scaling_factor = 220.0

Those are the default values that came with the DOC file on the disk.

Thanks for any help.

David

1864. RE: [Super_SID] Quantized Looking Data [2 Attachments]

Yahoo group: Super_SID
Date: 2017-05-15 16:54:43 UTC
From: kf7mzy@...
Topic: 1853 Message: 1864
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Keith,

I connected a wire for the laptop ground last night. I used the USB negative side of the 5 v at the SID circuit board inside the can. It sure made a difference! Attached are two pix...one of last night and one of this morning using the ground connection. In awhile I will take a look at the individual station plots to see if that made a difference. I took a quick look at the CSV data from several days ago and noticed that there are times when signal strengths are recorded and then gaps with no signal strength...it also indicated that all data stopped being recording at 06 28 50 UTC although the SID plot shows the quantized data plotted from 0000 to 2359 UTC for the day in question. I think I am confused. :-)

Thanks,
David

1865. SuperSID configuration of "scaling_factor"

Yahoo group: Super_SID
Date: 2017-05-15 18:11:41 UTC
From: Steve Berl
Topic: 1865 Message: 1865

Hello SuperSID users,

It seems that at some point in time the default value of the SuperSID.cfg configuration parameter "scaling_factor" was changed to 220.0. This is a big value for this parameter and causes some problems for stations that have relatively high signal strength values.

The large value cause the numbers in the data files to be very long, and overflow into the next column of data. This then causes problems for our software that attempts to parse this data file and we end up not being able to accept the files.

If everyone can take a second to look at their .cfg files and look at the value of "scaling_factor". It should be set to "scaling_factor = 1.0" unless you think there is a good reason for it to be a larger number.

If you have any other questions about this issue, please feel free to contact me via this mailing list or directly at steveberl@...

Thanks,

--
-steve

1866. RE: [Super_SID] Quantized Looking Data

Yahoo group: Super_SID
Date: 2017-05-15 01:45:40 UTC
From: kf7mzy@...
Topic: 1853 Message: 1866
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Keith,

I discovered that the case which contains the SID circuit board is not tied to ground nor is the 5 v power supply negative nor is the shield of the BNC connect tied to the case or to ground. Apparently the case is not a shield. I am assuming that the USB power supply cable should tie everything to ground thru the BNC connector attached to the case. When you suggest that I tie the laptop to ground I am assuming that the negative side of the USB power supply cable is what you are talking about. I haven't done that yet.

I did tie the center conductor of the antenna cable which feeds the signal to SID and the attached pix show the result. Grounding the shield of the antenna cable did not cause any change.I used a ground rod for the ground.

David

1867. Re: [Super_SID] Quantized Looking Data [2 Attachments]

Yahoo group: Super_SID
Date: 2017-05-15 17:03:06 UTC
From: Steve Berl
Topic: 1853 Message: 1867

David,

scaling_factor should be 1.0 instead of 220.0. Not sure why the default is
so large, but this can sometime cause errors where the columns of numbers
in the data files overflow.

-steve

On Sun, May 14, 2017 at 9:02 PM, kf7mzy@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#m_-2062503368701414513_TopText> from kf7mzy@...
> included below]
>
> Hi Keith,
>
> I tried to send this earlier but I don't know if it posted
> properly...sorry if this is a repeat
>
> I noticed that the metal can that houses the SID is not tied to the shield
> of the RG antenna cable. It is also isolated from a common ground with
> the negative side of the 5 v USB and audio cable to the computer audio in.
> When you speak of grounding the laptop are you talking about using the
> USB 5 v negative side as the ground point? I have not grounded the laptop
> yet...I will wait for your reply.
>
> I did ground the shield side of the RG cable and real time display did not
> change from ungrounded connection. However when I grounded the central
> conductor and the real time display changed. The results are seen in the
> attached pix. I used a direct earth ground using the copper ground rod
> for my HF and VHF antennas.
>
> Is this the correct set in the Config File for data:
>
> log_interval = 5
> log_type = filtered
> scaling_factor = 220.0
>
> Those are the default values that came with the DOC file on the disk.
>
> Thanks for any help.
>
> David
>
>

>

--
-steve

1868. Re: [Super_SID] Quantized Looking Data

Yahoo group: Super_SID
Date: 2017-05-15 19:07:24 UTC
From: David Iadevaia
Topic: 1853 Message: 1868

Thanks, Steve.

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Mon, 5/15/17, Steve Berl steveberl@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: Re: [Super_SID] Quantized Looking Data
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Date: Monday, May 15, 2017, 10:03 AM

David,
scaling_factor should be 1.0 instead
of 220.0. Not sure why the default is so large, but this can
sometime cause errors where the columns of numbers in the
data files overflow.
-steve
On Sun, May 14, 2017 at
9:02 PM, kf7mzy@...
[Super_SID] <Super_SID@yahoogroups.com>
wrote:

[Attachment(s)
from kf7mzy@...
included below]

Hi Keith,
I
tried to send this earlier but I don't know if it posted
properly...sorry if this is a repeat
I noticed that the metal can
that houses the SID is not tied to the shield of the RG
antenna cable. It is also isolated from a common ground with the
negative side of the 5 v USB and audio cable to the computer
audio in. When you speak of grounding the laptop are you
talking about using the USB 5 v negative side as the ground
point? I have not grounded the laptop yet...I will wait for
your reply.
I
did ground the shield side of the RG cable and real time
display did not change from ungrounded connection. However
when I grounded the

central conductor and the real time display changed. The
results are seen in the attached pix. I used a direct earth ground using the
copper ground rod for my HF and VHF
antennas.
Is
this the correct set in the Config File for
data:
log_interval =
5log_type = filteredscaling_factor =
220.0
Those are the
default values that came with the DOC file on the
disk.
Thanks for any
help.
David

--
-steve

1869. How are data files saved

Yahoo group: Super_SID
Date: 2017-05-16 18:51:05 UTC
From: kf7mzy@...
Topic: 1869 Message: 1869

Hi Steve,

At 2359 UTC when the SID program starts a new day of data collection are the files from the various stations as well as the raw and filtered files saved as recorded throughout the day or are the data in the files replaced with the new set of data starting at 0000 UTC for the new day....or should I save the files before the clock hits 2359 UTC? In other words I do not want to loose any data because of the new day.

Thanks,

David

1870. Re: [Super_SID] How are data files saved

Yahoo group: Super_SID
Date: 2017-05-16 21:45:43 UTC
From: Steve Berl
Topic: 1869 Message: 1870

I believe that by default the SuperSID program will save all the data for the previous 24 hours right after 0000 UTC.

I think that if you have done any intermediate saves of data using the menus, that those files have different names from the automatically saved ones.

-steve

On Tue, May 16, 2017 at 11:51 AM, kf7mzy@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Hi Steve,
>
>
> At 2359 UTC when the SID program starts a new day of data collection are
> the files from the various stations as well as the raw and filtered files
> saved as recorded throughout the day or are the data in the files replaced
> with the new set of data starting at 0000 UTC for the new day....or
> should I save the files before the clock hits 2359 UTC? In other words I do
> not want to loose any data because of the new day.
>
>
> Thanks,
>
>
> David
>
>
>
>

--
-steve

1871. Re: [Super_SID] How are data files saved

Yahoo group: Super_SID
Date: 2017-05-17 18:33:41 UTC
From: kf7mzy@...
Topic: 1869 Message: 1871
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Steve,

Thanks for the info.

I have attached two CSV files for a recent 24 hour run. When I look at them with Excel there seems to be a repeating pattern of zero signal then signal then zero signal etc...and the display of the plot with the SID plot function is still in the "quantized" form. Any ideas what's going on?

The real time display is fine...I am able to see several stations as their signal amplitudes change through out the day and night.

David

1872. Sunrise from Real Time Display

Yahoo group: Super_SID
Date: 2017-05-18 15:24:13 UTC
From: kf7mzy@...
Topic: 1872 Message: 1872
Attachments: 1 described; binary payloads are missing from this source WARC

Hi all,

Attached is a GIF showing data I manually recorded from the SuperSID real time spectrum display of my system. Using the signal strength from NPM and UTC , several data points were collected and graphed. The transition from night to sunrise is easily seen. Now if only someone can figure out why the program is recording incomplete data from the individual stations resulting in the "quantized" looking plots I'll be happy. :-)

Thanks,

David

1873. Re: [Super_SID] Sunrise from Real Time Display [1 Attachment]

Yahoo group: Super_SID
Date: 2017-05-18 19:05:59 UTC
From: John Cowlbeck
Topic: 1872 Message: 1873

Change config file to unfiltered data
 John

Be kinder than necessary, for everyone you meet is fighting some kind of battle!

JohnCowlbeck@Yahoo.Com

540-586-8042 Home
540-871-0636 Cell

From: "kf7mzy@yahoo.com [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Thursday, May 18, 2017 11:44 AM
Subject: [Super_SID] Sunrise from Real Time Display [1 Attachment]

  [Attachment(s) from kf7mzy@... included below] Hi all,
Attached is a GIF showing data I manually recorded from the SuperSID real time spectrum display of my system. Using the signal strength from NPM and UTC , several data points were collected and graphed. The transition from night to sunrise is easily seen. Now if only someone can figure out why the program is recording incomplete data from the individual stations resulting in the "quantized" looking plots I'll be happy. :-)
Thanks,
David

1874. Re: [Super_SID] Sunrise from Real Time Display [1 Attachment]

Yahoo group: Super_SID
Date: 2017-05-18 20:23:57 UTC
From: John Cowlbeck
Topic: 1872 Message: 1874

DavidIn the SuperSid.cfg file it it should be "Log-type = unfiltered"
Couple years ago I had a similar problem on a Raspi computer.
 John

Be kinder than necessary, for everyone you meet is fighting some kind of battle!

JohnCowlbeck@...

540-586-8042 Home
540-871-0636 Cell

From: "kf7mzy@... [Super_SID]" <Super_SID@yahoogroups.com>
To: Super_SID@yahoogroups.com
Sent: Thursday, May 18, 2017 11:44 AM
Subject: [Super_SID] Sunrise from Real Time Display [1 Attachment]

  [Attachment(s) from kf7mzy@... included below] Hi all,
Attached is a GIF showing data I manually recorded from the SuperSID real time spectrum display of my system. Using the signal strength from NPM and UTC , several data points were collected and graphed. The transition from night to sunrise is easily seen. Now if only someone can figure out why the program is recording incomplete data from the individual stations resulting in the "quantized" looking plots I'll be happy. :-)
Thanks,
David

1875. Re: [Super_SID] Sunrise from Real Time Display

Yahoo group: Super_SID
Date: 2017-05-18 20:48:04 UTC
From: David Iadevaia
Topic: 1872 Message: 1875

Hi John,

Thanks, John.I tried unfiltered but the program tells me the choices for log-type are filtered or raw. I selected raw and will see how that works.

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Thu, 5/18/17, John Cowlbeck johncowlbeck@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: Re: [Super_SID] Sunrise from Real Time Display
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Date: Thursday, May 18, 2017, 1:23 PM

DavidIn
the SuperSid.cfg file it it should be "Log-type =
unfiltered"
Couple
years ago I had a similar problem on a Raspi computer.
 John

Be kinder than necessary,
for everyone you meet is fighting some kind of battle!

JohnCowlbeck@...

540-586-8042 Home
540-871-0636
Cell

From:
"kf7mzy@yahoo.com [Super_SID]"
<Super_SID@yahoogroups.com>
To:
Super_SID@yahoogroups.com
Sent: Thursday, May 18,
2017 11:44 AM
Subject: [Super_SID]
Sunrise from Real Time Display [1 Attachment]

[Attachment(s)
from kf7mzy@... included below]

Hi
all,
Attached is a GIF
showing data I manually recorded from the SuperSID real time
spectrum display of my system. Using the signal strength
from NPM and UTC , several data points were collected and
graphed. The transition from night to sunrise is easily
seen. Now if only someone can figure out why the program is
recording incomplete data from the individual stations
resulting in the "quantized" looking plots
I'll be happy. :-)
Thanks,
David

1876. Re: [Super_SID] SuperSID configuration of "scaling_factor"

Yahoo group: Super_SID
Date: 2017-05-19 14:13:45 UTC
From: Jaap Akkerhuis
Topic: 1865 Message: 1876

> On May 15, 2017, at 20:11, Steve Berl steveberl@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>
>
> Hello SuperSID users,
>
> It seems that at some point in time the default value of the SuperSID.cfg configuration parameter "scaling_factor" was changed to 220.0. This is a big value for this parameter and causes some problems for stations that have relatively high signal strength values.
>
> The large value cause the numbers in the data files to be very long, and overflow into the next column of data. This then causes problems for our software that attempts to parse this data file and we end up not being able to accept the files.
>
> If everyone can take a second to look at their .cfg files and look at the value of "scaling_factor". It should be set to "scaling_factor = 1.0" unless you think there is a good reason for it to be a larger number.

The change in the scaling factor started with Release 1.2.0r5, (2012-08-12).

The Release notes state:

* set scaling factor to 230.00 to compensate for changes
in the libraries

In a followup note you say

> but this can sometime cause errors where the columns of numbers in the data files overflow.

I don't understand this. What you mean with this? Can you give an example? It there is a problem here, it should not happen or at least signalled by the supersid that there is a problem.

jaap

1877. Re: [Super_SID] SuperSID configuration of "scaling_factor"

Yahoo group: Super_SID
Date: 2017-05-19 14:31:21 UTC
From: Steve Berl
Topic: 1865 Message: 1877

Jaap ,

I am on the road without computer so hard to send examples. But what appears to happen is that long numbers seem to overrun into each other in the csv files. These are long numbers with lots of digits to left of decimal point. If I remember right it ends up looking like a number with 2 decimal points and that breaks the input parsing on our servers.

When I get home next Wednesday I can dig up examples.

Steve

On Fri, May 19, 2017 at 10:13 AM Jaap Akkerhuis jakkerhuis@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> On May 15, 2017, at 20:11, Steve Berl steveberl@gmail.com [Super_SID] <
> Super_SID@yahoogroups.com> wrote:
>
>
> Hello SuperSID users,
>
> It seems that at some point in time the default value of the SuperSID.cfg
> configuration parameter "scaling_factor" was changed to 220.0. This is a
> big value for this parameter and causes some problems for stations that
> have relatively high signal strength values.
>
> The large value cause the numbers in the data files to be very long, and
> overflow into the next column of data. This then causes problems for our
> software that attempts to parse this data file and we end up not being able
> to accept the files.
>
> If everyone can take a second to look at their .cfg files and look at the
> value of "scaling_factor". It should be set to "scaling_factor = 1.0"
> unless you think there is a good reason for it to be a larger number.
>
>
> The change in the scaling factor started with Release 1.2.0r5,
> (2012-08-12).
>
> The Release notes state:
>
> * set scaling factor to 230.00 to compensate for changes
> in the libraries
>
> In a followup note you say

>
> but this can sometime cause errors where the columns of numbers in the
> data files overflow.
>
>
> I don't understand this. What you mean with this? Can you give an example?
> It there is a problem here, it should not happen or at least signalled by
> the supersid that there is a problem.
>
> jaap
>
>
>
--
-steve

1878. Missing station data in CSV file

Yahoo group: Super_SID
Date: 2017-05-19 16:38:59 UTC
From: kf7mzy@...
Topic: 1878 Message: 1878
Attachments: 1 described; binary payloads are missing from this source WARC

Hi all,

I examined one of my CSV data files because it did not plot correctly. I notice that there are sections of the data when the signal is 0 followed by section of data with signals. The real time display is showing signals from various stations without any interruptions of data displayed so I am assuming that there is signal data that is not being saved properly and instead is replaced with 0 signal then followed by correct signal data then followed with 0 signal etc. I have been trying to find out what is going on and have tested the system and it is working fine up to displaying a spectrum of various stations. I have concluded it must be something in the program that is causing the interruption of properly recording station data. I have attached a CSV file showing what I am talking about. Everything I have tried seems to indicate there is a problem with how the program collects and stores the data from individual stations. I have run out of ways to determine what is going on and would appreciate any help with this problem.

Thanks,

David

1879. Re: [Super_SID] Missing station data in CSV file [1 Attachment]

Yahoo group: Super_SID
Date: 2017-05-19 20:04:34 UTC
From: Steve Berl
Topic: 1878 Message: 1879

Pretty strange. Not sure why this would happen. I can't think of anything in the software that could cause this. Also nobody else is having this problem which suggests it is something specific to your machine.

Is it possible that some other software on your computer is grabbing the sound card output every once in a while? What else is running on the machine?

Steve

On Fri, May 19, 2017 at 1:42 PM kf7mzy@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#m_4143087883269035074_TopText> from kf7mzy@...
> [Super_SID] included below]
>
> Hi all,
>
>
> I examined one of my CSV data files because it did not plot correctly. I
> notice that there are sections of the data when the signal is 0 followed by
> section of data with signals. The real time display is showing signals from
> various stations without any interruptions of data displayed so I am
> assuming that there is signal data that is not being saved properly and
> instead is replaced with 0 signal then followed by correct signal data then
> followed with 0 signal etc. I have been trying to find out what is going on
> and have tested the system and it is working fine up to displaying a
> spectrum of various stations. I have concluded it must be something in the
> program that is causing the interruption of properly recording station
> data. I have attached a CSV file showing what I am talking about.
> Everything I have tried seems to indicate there is a problem with how the
> program collects and stores the data from individual stations. I have run
> out of ways to determine what is going on and would appreciate any help
> with this problem.
>
>
> Thanks,
>
>
> David
>
>
>
>
>

--
-steve

1880. Re: [Super_SID] Missing station data in CSV file

Yahoo group: Super_SID
Date: 2017-05-19 22:56:52 UTC
From: David Iadevaia
Topic: 1878 Message: 1880

Thanks...that's a great idea! I checked and it seems that Team Viewer was attached to the mixer. I disabled it and am doing another data collection run.

We'll see. :-)

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Fri, 5/19/17, Steve Berl steveberl@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: Re: [Super_SID] Missing station data in CSV file
To: "Jaap Akkerhuis" <jakkerhuis@...>, Super_SID@yahoogroups.com
Date: Friday, May 19, 2017, 1:04 PM

Pretty strange. Not sure why this would
happen. I can't think of anything in the software that
could cause this. Also nobody else is having this problem
which suggests it is something specific to your
machine.
Is it
possible that some other software on your computer is
grabbing the sound card output every once in a while? What
else is running on the machine?
Steve
On Fri, May 19, 2017
at 1:42 PM kf7mzy@...
[Super_SID] <Super_SID@yahoogroups.com>
wrote:

[Attachment(s) from
kf7mzy@...
[Super_SID] included below]

Hi all,
I examined one of my CSV
data files because it did not plot correctly. I notice that
there are sections of the data when the signal is 0 followed
by section of data with signals. The real time display is
showing signals from various stations without any
interruptions of data displayed so I am assuming that there
is signal data that is not being saved properly and instead
is replaced with 0 signal then followed by correct signal

data then followed with 0 signal etc. I have been trying to find out what is going on and have tested the system and it is working fine up to displaying a spectrum of various stations. I have concluded it must be something in the program that is causing the interruption of properly recording station data. I have attached a CSV file showing what I am talking about. Everything I have tried seems to indicate there is a problem with how the program collects and stores the data from individual stations. I have
run out of ways to determine what is going on and would appreciate any help with this problem.
Thanks,
David

--

-steve

1881. Re: [Super_SID] Missing station data in CSV file

Yahoo group: Super_SID
Date: 2017-05-22 00:48:05 UTC
From: kf7mzy@...
Topic: 1878 Message: 1881
Attachments: 1 described; binary payloads are missing from this source WARC

Here is 22 hours of data from NPM with all problems solved. See previous post on how I solved the problem.

David

1882. Re: [Super_SID] Missing station data in CSV file

Yahoo group: Super_SID
Date: 2017-05-21 04:04:30 UTC
From: kf7mzy@...
Topic: 1878 Message: 1882

After trying everyone's suggestions I decided to change laptops and now everything works as it should based on a 3 hour test I have just finished! The plots look good. I will let the system run for a day and take a look but I think all is well. Apparently the other laptop would interrupt the audio stream causing loss of data resulting in the "quantized looking" plots. I have no idea what was causing it. That troubled system was a ASUS running WIN 8. The laptop that works with my SuperSid system is a Dell running WIN 10...both are low end machines.

Thanks everyone, for you help!

David

1883. Re: [Super_SID] SuperSID configuration of "scaling_factor"

Yahoo group: Super_SID
Date: 2017-05-23 19:04:17 UTC
From: Steve Berl
Topic: 1865 Message: 1883

Okay, finally got back and had a look at this. Seems the problem I was seeing my not be what I had thought.

In the past I had seen files corrupted by what I thought was long numbers overflowing as I described, but this problem I am seeing now is different.

The station that was having the problem is AIMS_UNM. Sometimes the files were causing error log entries in the intake scripts such as

NEW/AIMS_UNM_NML_2017-05-14_000000.csv : ignoring bad data line:
207.256507428
...done

It turns out that this is not the same problem I have seen in the past. This file corruption seems to be an additional line added at or near the end of the .csv file. The line appears to be a suffix of a correctly formatted line. It is missing the beginning part of the line. Sometimes it includes part of the date and time, and sometimes it is just a data value. The number of characters missing varies from case to case.

This also seems to be an additional line. The files with the errors have all the correctly formatted data and an additional line that is badly formed. And even more fun, the data value that appears in the additional corrupt line is not the same as any of the data values in any of the correctly formatted lines, so it isn't just repeating a chunk of some previous line of data.

The corrupt data appears to always be at the end of the file, after the line with time 23:59:55. Sometimes there is just one partial line, sometimes there is a partial line followed by a correctly formatted line, but it is not valid data from this station.

These corrupted files are already corrupted in the .tar files from the ftp server, so it is being introduced someplace either on the client side, or on the ftp server machine.

I sent an email to the theoretical contact person for this machine on May 15, asking him to change the scaling_factor to 1.0. I never received any response from this person, but the error has not occurred since that day, so maybe they did something and maybe they didn't, and maybe this has something to do with scaling_factor, and maybe it doesn't. I will try to contact the owner again and see what I can find out.

In the example below there is a line starting with 207.256....
This line and the one following are junk. Also not that neither of those data values appear elsewhere in the fine. Perhaps they come form one of the other stations being monitored by this client?

Here are the head and tail of an example file:

solarport:/home/steveberl/NEW> tail AIMS_UNM_NML_2017-05-14_000000.csv

2017-05-14 23:59:20, 200.192016676
2017-05-14 23:59:25, 201.496290644
2017-05-14 23:59:30, 202.889023124
2017-05-14 23:59:35, 204.281755603
2017-05-14 23:59:40, 205.674488083
2017-05-14 23:59:45, 207.067220562
2017-05-14 23:59:50, 208.459953042
2017-05-14 23:59:55, 209.852685521
207.256507428
2017-05-14 23:59:55, 209.117063024
solarport:/home/steveberl/NEW> head !$
head AIMS_UNM_NML_2017-05-14_000000.csv
Site = AIMS_UNM
Contact = DFRAZIER@...
Longitude = -106.36
Latitude = 35.0
#
UTC_Offset = -7
TimeZone = Mountian
#
UTC_StartTime = 2017-05-14 00:00:00
LogInterval = 5
solarport:/home/steveberl/NEW>

On Fri, May 19, 2017 at 7:31 AM, Steve Berl <steveberl@...> wrote:

> Jaap ,
>
> I am on the road without computer so hard to send examples. But what
> appears to happen is that long numbers seem to overrun into each other in
> the csv files. These are long numbers with lots of digits to left of
> decimal point. If I remember right it ends up looking like a number with 2
> decimal points and that breaks the input parsing on our servers.
>
> When I get home next Wednesday I can dig up examples.
>
> Steve
>
>
> On Fri, May 19, 2017 at 10:13 AM Jaap Akkerhuis jakkerhuis@...
> [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
>>
>> On May 15, 2017, at 20:11, Steve Berl steveberl@... [Super_SID] <
>> Super_SID@yahoogroups.com> wrote:
>>
>>
>>
>> Hello SuperSID users,

>>
>> It seems that at some point in time the default value of the SuperSID.cfg
>> configuration parameter "scaling_factor" was changed to 220.0. This is a
>> big value for this parameter and causes some problems for stations that
>> have relatively high signal strength values.
>>
>> The large value cause the numbers in the data files to be very long, and
>> overflow into the next column of data. This then causes problems for our
>> software that attempts to parse this data file and we end up not being able
>> to accept the files.
>>
>> If everyone can take a second to look at their .cfg files and look at the
>> value of "scaling_factor". It should be set to "scaling_factor = 1.0"
>> unless you think there is a good reason for it to be a larger number.
>>
>>
>> The change in the scaling factor started with Release 1.2.0r5,
>> (2012-08-12).
>>
>> The Release notes state:
>>
>> * set scaling factor to 230.00 to compensate for changes
>> in the libraries
>>
>> In a followup note you say
>>
>> but this can sometime cause errors where the columns of numbers in the
>> data files overflow.
>>
>>
>> I don't understand this. What you mean with this? Can you give an
>> example? It there is a problem here, it should not happen or at least
>> signalled by the supersid that there is a problem.
>>
>> jaap
>>
>>
>>
> --
> -steve
>

--
-steve

1884. Re: [Super_SID] SuperSID configuration of "scaling_factor"

Yahoo group: Super_SID
Date: 2017-05-24 04:04:30 UTC
From: Steve Berl
Topic: 1865 Message: 1884

Yes. The files are ingested properly. It isn't an immediate problem. But, I think this is an indication of a bug in the client software and might be good to figure out where this is coming from.

Steve

On Tue, May 23, 2017 at 8:07 PM Deborah Scherrer <
dscherrer@...> wrote:

> Steve, it is very common for SuperSID data files to have an incomplete or
> bad last line. It apparently relates to the instruments themselves, but it
> usually does not cause a problem. My input scripts check for this and
> ignore the bad lines, hence producing the error message you mentioned. So
> the files should be OK, with the bad last line stripped off. Is that not
> the case?
>
> Debbie
>
>
> On 5/23/17 12:04 PM, Steve Berl steveberl@gmail.com [Super_SID] wrote:
>
> Okay, finally got back and had a look at this. Seems the problem I was
> seeing my not be what I had thought.
>
> In the past I had seen files corrupted by what I thought was long numbers
> overflowing as I described, but this problem I am seeing now is different.
>
> The station that was having the problem is AIMS_UNM. Sometimes the files
> were causing error log entries in the intake scripts such as
>
> NEW/AIMS_UNM_NML_2017-05-14_000000.csv : ignoring bad data line:
> 207.256507428
> ...done
>
> It turns out that this is not the same problem I have seen in the past.
> This file corruption seems to be an additional line added at or near the
> end of the .csv file. The line appears to be a suffix of a correctly
> formatted line. It is missing the beginning part of the line. Sometimes it
> includes part of the date and time, and sometimes it is just a data value.
> The number of characters missing varies from case to case.
>
> This also seems to be an additional line. The files with the errors have
> all the correctly formatted data and an additional line that is badly
> formed. And even more fun, the data value that appears in the additional
> corrupt line is not the same as any of the data values in any of the
> correctly formatted lines, so it isn't just repeating a chunk of some

> previous line of data.
>
> The corrupt data appears to always be at the end of the file, after the
> line with time 23:59:55. Sometimes there is just one partial line,
> sometimes there is a partial line followed by a correctly formatted line,
> but it is not valid data from this station.
>
> These corrupted files are already corrupted in the .tar files from the ftp
> server, so it is being introduced someplace either on the client side, or
> on the ftp server machine.
>
> I sent an email to the theoretical contact person for this machine on May
> 15, asking him to change the scaling_factor to 1.0. I never received any
> response from this person, but the error has not occurred since that day,
> so maybe they did something and maybe they didn't, and maybe this has
> something to do with scaling_factor, and maybe it doesn't. I will try to
> contact the owner again and see what I can find out.
>
> In the example below there is a line starting with 207.256....
> This line and the one following are junk. Also not that neither of those
> data values appear elsewhere in the fine. Perhaps they come form one of the
> other stations being monitored by this client?
>
> Here are the head and tail of an example file:
>
> solarport:/home/steveberl/NEW> tail AIMS_UNM_NML_2017-05-14_000000.csv
>
> 2017-05-14 23:59:20, 200.192016676
> 2017-05-14 23:59:25, 201.496290644
> 2017-05-14 23:59:30, 202.889023124
> 2017-05-14 23:59:35, 204.281755603
> 2017-05-14 23:59:40, 205.674488083
> 2017-05-14 23:59:45, 207.067220562
> 2017-05-14 23:59:50, 208.459953042
> 2017-05-14 23:59:55, 209.852685521
> 207.256507428
> 2017-05-14 23:59:55, 209.117063024
> solarport:/home/steveberl/NEW> head !$
> head AIMS_UNM_NML_2017-05-14_000000.csv
> # Site = AIMS_UNM
> # Contact = DFRAZIER@...
> # Longitude = -106.36
> # Latitude = 35.0
> #
> # UTC_Offset = -7
> # TimeZone = Mountian
> #
> # UTC_StartTime = 2017-05-14 00:00:00
> # LogInterval = 5
> solarport:/home/steveberl/NEW>

>
>
>
> On Fri, May 19, 2017 at 7:31 AM, Steve Berl <steveberl@...> wrote:
>
> Jaap ,
>>
>> I am on the road without computer so hard to send examples. But what
>> appears to happen is that long numbers seem to overrun into each other in
>> the csv files. These are long numbers with lots of digits to left of
>> decimal point. If I remember right it ends up looking like a number with 2
>> decimal points and that breaks the input parsing on our servers.
>>
>> When I get home next Wednesday I can dig up examples.
>>
>> Steve
>>
>>
>> On Fri, May 19, 2017 at 10:13 AM Jaap Akkerhuis jakkerhuis@...
>> [Super_SID] <Super_SID@yahoogroups.com> wrote:
>>
>>>
>>> On May 15, 2017, at 20:11, Steve Berl steveberl@... [Super_SID] <
>>> Super_SID@yahoogroups.com> wrote:
>>>
>>>
>>> Hello SuperSID users,
>>>
>>> It seems that at some point in time the default value of the
>>> SuperSID.cfg configuration parameter "scaling_factor" was changed to 220.0.
>>> This is a big value for this parameter and causes some problems for
>>> stations that have relatively high signal strength values.
>>>
>>> The large value cause the numbers in the data files to be very long, and
>>> overflow into the next column of data. This then causes problems for our
>>> software that attempts to parse this data file and we end up not being able
>>> to accept the files.
>>>
>>> If everyone can take a second to look at their .cfg files and look at
>>> the value of "scaling_factor". It should be set to "scaling_factor = 1.0"
>>> unless you think there is a good reason for it to be a larger number.
>>>
>>>
>>> The change in the scaling factor started with Release 1.2.0r5,
>>> (2012-08-12).
>>>
>>> The Release notes state:
>>>
>>> * set scaling factor to 230.00 to compensate for changes
>>> in the libraries

>>>
>>> In a followup note you say
>>>
>>> but this can sometime cause errors where the columns of numbers in the
>>> data files overflow.
>>>
>>>
>>> I don't understand this. What you mean with this? Can you give an
>>> example? It there is a problem here, it should not happen or at least
>>> signalled by the supersid that there is a problem.
>>>
>>> jaap
>>>
>>> --
>> -steve
>>
>
>
>
> --
> -steve
>
>
>
> --
-steve

1885. Re: [Super_SID] SuperSID configuration of "scaling_factor"

Yahoo group: Super_SID
Date: 2017-05-24 03:07:30 UTC
From: Deborah Scherrer
Topic: 1865 Message: 1885

Steve, it is very common for SuperSID data files to have an incomplete or bad last line. It apparently relates to the instruments themselves, but it usually does not cause a problem. My input scripts check for this and ignore the bad lines, hence producing the error message you mentioned. So the files should be OK, with the bad last line stripped off. Is that not the case?

Debbie

On 5/23/17 12:04 PM, Steve Berl steveberl@... [Super_SID] wrote:
> Okay, finally got back and had a look at this. Seems the problem I was
> seeing my not be what I had thought.
>
> In the past I had seen files corrupted by what I thought was long
> numbers overflowing as I described, but this problem I am seeing now
> is different.
>
> The station that was having the problem is AIMS_UNM. Sometimes the
> files were causing error log entries in the intake scripts such as
>
> NEW/AIMS_UNM_NML_2017-05-14_000000.csv : ignoring bad data line:
> 207.256507428
> ...done
>
> It turns out that this is not the same problem I have seen in the
> past. This file corruption seems to be an additional line added at or
> near the end of the .csv file. The line appears to be a suffix of a
> correctly formatted line. It is missing the beginning part of the
> line. Sometimes it includes part of the date and time, and sometimes
> it is just a data value. The number of characters missing varies from
> case to case.
>
> This also seems to be an additional line. The files with the errors
> have all the correctly formatted data and an additional line that is
> badly formed. And even more fun, the data value that appears in the
> additional corrupt line is not the same as any of the data values in
> any of the correctly formatted lines, so it isn't just repeating a
> chunk of some previous line of data.
>
> The corrupt data appears to always be at the end of the file, after
> the line with time 23:59:55. Sometimes there is just one partial line,
> sometimes there is a partial line followed by a correctly formatted
> line, but it is not valid data from this station.
>
> These corrupted files are already corrupted in the .tar files from the

> ftp server, so it is being introduced someplace either on the client
> side, or on the ftp server machine.
>
> I sent an email to the theoretical contact person for this machine on
> May 15, asking him to change the scaling_factor to 1.0. I never
> received any response from this person, but the error has not occurred
> since that day, so maybe they did something and maybe they didn't, and
> maybe this has something to do with scaling_factor, and maybe it
> doesn't. I will try to contact the owner again and see what I can find
> out.
>
> In the example below there is a line starting with 207.256....
> This line and the one following are junk. Also not that neither of
> those data values appear elsewhere in the fine. Perhaps they come form
> one of the other stations being monitored by this client?
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>
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> 2017-05-14 23:59:30, 202.889023124
> 2017-05-14 23:59:35, 204.281755603
> 2017-05-14 23:59:40, 205.674488083
> 2017-05-14 23:59:45, 207.067220562
> 2017-05-14 23:59:50, 208.459953042
> 2017-05-14 23:59:55, 209.852685521
> 207.256507428
> 2017-05-14 23:59:55, 209.117063024
> solarport:/home/steveberl/NEW> head !$
> head AIMS_UNM_NML_2017-05-14_000000.csv
> # Site = AIMS_UNM
> # Contact = DFRAZIER@... <mailto:DFRAZIER@...>
> # Longitude = -106.36
> # Latitude = 35.0
> #
> # UTC_Offset = -7
> # TimeZone = Mountian
> #
> # UTC_StartTime = 2017-05-14 00:00:00
> # LogInterval = 5
> solarport:/home/steveberl/NEW>
>
>
>
>
> On Fri, May 19, 2017 at 7:31 AM, Steve Berl <steveberl@...
> <mailto:steveberl@...>> wrote:
>

> Jaap ,
>
> I am on the road without computer so hard to send examples. But
> what appears to happen is that long numbers seem to overrun into
> each other in the csv files. These are long numbers with lots of
> digits to left of decimal point. If I remember right it ends up
> looking like a number with 2 decimal points and that breaks the
> input parsing on our servers.
>
> When I get home next Wednesday I can dig up examples.
>
> Steve
>
>
> On Fri, May 19, 2017 at 10:13 AM Jaap Akkerhuis
> jakkerhuis@... <mailto:jakkerhuis@...> [Super_SID]
> <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>> wrote:
>
>
>> On May 15, 2017, at 20:11, Steve Berl steveberl@...
>> <mailto:steveberl@...> [Super_SID]
>> <Super_SID@yahoogroups.com
>> <mailto:Super_SID@yahoogroups.com>> wrote:
>>
>>
>> Hello SuperSID users,
>>
>> It seems that at some point in time the default value of the
>> SuperSID.cfg configuration parameter "scaling_factor" was
>> changed to 220.0. This is a big value for this parameter and
>> causes some problems for stations that have relatively high
>> signal strength values.
>>
>> The large value cause the numbers in the data files to be
>> very long, and overflow into the next column of data. This
>> then causes problems for our software that attempts to parse
>> this data file and we end up not being able to accept the files.
>>
>> If everyone can take a second to look at their .cfg files and
>> look at the value of "scaling_factor". It should be set to
>> "scaling_factor = 1.0" unless you think there is a good
>> reason for it to be a larger number.
>
> The change in the scaling factor started with Release 1.2.0r5,
> (2012-08-12).
>
>
> The Release notes state:
>
> * set scaling factor to 230.00 to compensate for changes

> in the libraries
>
> In a followup note you say
>
>> but this can sometime cause errors where the columns of
>> numbers in the data files overflow.
>
> I don't understand this. What you mean with this? Can you give
> an example? It there is a problem here, it should not happen
> or at least signalled by the supersid that there is a problem.
>
> jaap
>
> --
> -steve
>
>
>
>
> --
> -steve
>

1886. Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-05-24 10:37:21 UTC
From: Gohar Ali
Topic: 1837 Message: 1886

thank you Keith
I did plot the graph from the menu and also configured the .cfg file. I got the recorded values as well. the problem is that i dont get day/night signatures. what could be the possible situations that handled to get the patterns. need your expert opinions.

On Wed, Apr 26, 2017 at 8:56 PM, 'Keith Payea' kpayea@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Hi:
>
>
>
> To see the day/night signature, you need to use the “Plot” function in the
> menu.
>
>
>
> Have you set up the configuration file (\SuperSID\Config\supersid.cfg) to
> record the transmitters you can see in the spectrum?
>
>
>
> Configuration file setup and plotting are described in pages 24 – 30 of
> the manual.
>
>
>
> Regards,
>
>
>
> Keith
>
>
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Wednesday, April 26, 2017 03:08
> *To:* Super_SID@yahoogroups.com
> *Subject:* [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance
> (SID) for Solar eruption ,C5.5.
>

>
>
>
>
> Hi dear.
>
>
>
> Can you help me regarding superSID proper functioning. I have a lot of
> problems in setting it up.. i am getting different peaks in the superSID
> window,, which represent some transmitters but it does not shows the day
> night signature in the plots for any transmitters i have added to the
> configuration file. It makes a sense to me that I am getting Ground waves
> by my antenna-amplifier system.
>
> what should I do,,,any good suggestion please. expecting a positive
> response. God bless u. :)
>
>
>

1887. Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-05-24 10:31:40 UTC
From: Gohar Ali
Topic: 1837 Message: 1887

sir thank you for your responce
I studied the manual but it doesnt suggest any point that can help my problem,the is no day night signatur at all with any transmitter. also th edistance b/w antenna and PC is close anough hardly a few meters or so.

Regards
Gohar

On Fri, Apr 28, 2017 at 3:49 AM, drsaguirre@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Hi Gohar.
>
> Please read the manual of SuperSID , page 30.
>
> may be your problem : the antenna..
>
> the distance betwen the PC and the Antenna is better if close..
>
> http://solar-center.stanford.edu/SID/DOC/SuperSID-Manual.pdf
> <http://solar-center.stanford.edu/SID/DOC/SuperSID-Manual.pdf>
>
> salvador aguirre
> Mex.
>
>
>

1888. Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-05-24 10:47:01 UTC
From: Gohar Ali
Topic: 1837 Message: 1888

Hi keith

Can you locate me the transmitters that could be listed in the .cfg file over pakistan. As i from Pakistan, so what could be the possible transmitter that i should observe through my SuperSid monitor.
I will be very grateful to for your help.

Regards
Gohar

1889. RE: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-05-24 16:31:09 UTC
From: Keith Payea
Topic: 1837 Message: 1889

Hi Gohar:

Appendix A in the manual has a list of stations. From that, you might try monitoring the station in India: VTX3 on 18.2KHz.

Do any of the other listeners on this group have suggestions for stations to monitor from Pakistan?

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, May 24, 2017 03:47
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Hi keith

Can you locate me the transmitters that could be listed in the .cfg file over pakistan. As i from Pakistan, so what could be the possible transmitter that i should observe through my SuperSid monitor.

I will be very grateful to for your help.

Regards

Gohar

1890. Re: [Super_SID] SuperSID configuration of "scaling_factor"

Yahoo group: Super_SID
Date: 2017-05-24 19:10:28 UTC
From: Deborah Scherrer
Topic: 1865 Message: 1890

I had always assumed it was a "feature" of the software cutting off at
exactly midnight, perhaps while a line was being written into the file.
But that's only a guess.

Debbie

On 5/23/17 9:04 PM, Steve Berl steveberl@... [Super_SID] wrote:
> Yes. The files are ingested properly. It isn't an immediate problem.
> But, I think this is an indication of a bug in the client software and
> might be good to figure out where this is coming from.
>
> Steve
>
> On Tue, May 23, 2017 at 8:07 PM Deborah Scherrer
> <dscherrer@... <mailto:dscherrer@...>>
> wrote:
>
> Steve, it is very common for SuperSID data files to have an
> incomplete or bad last line. It apparently relates to the
> instruments themselves, but it usually does not cause a problem.
> My input scripts check for this and ignore the bad lines, hence
> producing the error message you mentioned. So the files should
> be OK, with the bad last line stripped off. Is that not the case?
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> Debbie
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>
> On 5/23/17 12:04 PM, Steve Berl steveberl@...
> <mailto:steveberl@...> [Super_SID] wrote:
>> Okay, finally got back and had a look at this. Seems the problem
>> I was seeing my not be what I had thought.
>>
>> In the past I had seen files corrupted by what I thought was long
>> numbers overflowing as I described, but this problem I am seeing
>> now is different.
>>
>> The station that was having the problem is AIMS_UNM. Sometimes
>> the files were causing error log entries in the intake scripts
>> such as
>>
>> NEW/AIMS_UNM_NML_2017-05-14_000000.csv : ignoring bad data line:
>> 207.256507428
>> ...done
>>
>> It turns out that this is not the same problem I have seen in the

>> past. This file corruption seems to be an additional line added
>> at or near the end of the .csv file. The line appears to be a
>> suffix of a correctly formatted line. It is missing the beginning
>> part of the line. Sometimes it includes part of the date and
>> time, and sometimes it is just a data value. The number of
>> characters missing varies from case to case.
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>> This also seems to be an additional line. The files with the
>> errors have all the correctly formatted data and an additional
>> line that is badly formed. And even more fun, the data value that
>> appears in the additional corrupt line is not the same as any of
>> the data values in any of the correctly formatted lines, so it
>> isn't just repeating a chunk of some previous line of data.
>>
>> The corrupt data appears to always be at the end of the file,
>> after the line with time 23:59:55. Sometimes there is just one
>> partial line, sometimes there is a partial line followed by a
>> correctly formatted line, but it is not valid data from this station.
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>> These corrupted files are already corrupted in the .tar files
>> from the ftp server, so it is being introduced someplace either
>> on the client side, or on the ftp server machine.
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>> I sent an email to the theoretical contact person for this
>> machine on May 15, asking him to change the scaling_factor to
>> 1.0. I never received any response from this person, but the
>> error has not occurred since that day, so maybe they did
>> something and maybe they didn't, and maybe this has something to
>> do with scaling_factor, and maybe it doesn't. I will try to
>> contact the owner again and see what I can find out.
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>> In the example below there is a line starting with 207.256....
>> This line and the one following are junk. Also not that neither
>> of those data values appear elsewhere in the fine. Perhaps they
>> come form one of the other stations being monitored by this client?
>>
>> Here are the head and tail of an example file:
>>
>> solarport:/home/steveberl/NEW> tail
>> AIMS_UNM_NML_2017-05-14_000000.csv
>>
>> 2017-05-14 23:59:20, 200.192016676
>> 2017-05-14 23:59:25, 201.496290644
>> 2017-05-14 23:59:30, 202.889023124
>> 2017-05-14 23:59:35, 204.281755603
>> 2017-05-14 23:59:40, 205.674488083
>> 2017-05-14 23:59:45, 207.067220562
>> 2017-05-14 23:59:50, 208.459953042
>> 2017-05-14 23:59:55, 209.852685521
>> 207.256507428

>> 2017-05-14 23:59:55, 209.117063024
>> solarport:/home/steveberl/NEW> head !$
>> head AIMS_UNM_NML_2017-05-14_000000.csv
>> # Site = AIMS_UNM
>> # Contact = DFRAZIER@... <mailto:DFRAZIER@...>
>> # Longitude = -106.36
>> # Latitude = 35.0
>> #
>> # UTC_Offset = -7
>> # TimeZone = Mountian
>> #
>> # UTC_StartTime = 2017-05-14 00:00:00
>> # LogInterval = 5
>> solarport:/home/steveberl/NEW>
>>
>>
>>
>> On Fri, May 19, 2017 at 7:31 AM, Steve Berl <steveberl@...
>> <mailto:steveberl@...>> wrote:
>>
>> Jaap ,
>>
>> I am on the road without computer so hard to send examples.
>> But what appears to happen is that long numbers seem to
>> overrun into each other in the csv files. These are long
>> numbers with lots of digits to left of decimal point. If I
>> remember right it ends up looking like a number with 2
>> decimal points and that breaks the input parsing on our servers.
>>
>> When I get home next Wednesday I can dig up examples.
>>
>> Steve
>>
>>
>> On Fri, May 19, 2017 at 10:13 AM Jaap Akkerhuis
>> jakkerhuis@... <mailto:jakkerhuis@...>
>> [Super_SID] <Super_SID@yahoogroups.com
>> <mailto:Super_SID@yahoogroups.com>> wrote:
>>
>>
>>>> On May 15, 2017, at 20:11, Steve Berl
>>>> steveberl@... <mailto:steveberl@...>
>>>> [Super_SID] <Super_SID@yahoogroups.com
>>>> <mailto:Super_SID@yahoogroups.com>> wrote:
>>>>
>>>>
>>>> Hello SuperSID users,
>>>>
>>>> It seems that at some point in time the default value of
>>>> the SuperSID.cfg configuration parameter

>>> "scaling_factor" was changed to 220.0. This is a big
>>> value for this parameter and causes some problems for
>>> stations that have relatively high signal strength values.
>>>
>>> The large value cause the numbers in the data files to
>>> be very long, and overflow into the next column of data.
>>> This then causes problems for our software that attempts
>>> to parse this data file and we end up not being able to
>>> accept the files.
>>>
>>> If everyone can take a second to look at their .cfg
>>> files and look at the value of "scaling_factor". It
>>> should be set to "scaling_factor = 1.0" unless you think
>>> there is a good reason for it to be a larger number.
>>
>> The change in the scaling factor started with Release
>> 1.2.0r5, (2012-08-12).
>>
>>
>> The Release notes state:
>>
>> * set scaling factor to 230.00 to compensate for
>> changes
>> in the libraries
>>
>> In a followup note you say
>>
>>> but this can sometime cause errors where the columns of
>>> numbers in the data files overflow.
>>
>> I don't understand this. What you mean with this? Can you
>> give an example? It there is a problem here, it should
>> not happen or at least signalled by the supersid that
>> there is a problem.
>>
>> jaap
>>
>> --
>> -steve
>>
>>
>>
>>
>> --
>> -steve
>
> --
> -steve
>

1891. Re: [Super_SID] SuperSID configuration of "scaling_factor"

Yahoo group: Super_SID
Date: 2017-05-24 21:57:28 UTC
From: Jon Caples
Topic: 1865 Message: 1891

sorry,

please change address to

joncaples4iaas@...

Jon Caples / Jeanie Stokes

Caples.Stokes@...
303.740.8190

_____
From: Super_SID@yahoogroups.com <Super_SID@yahoogroups.com> on behalf of Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com>
Sent: Wednesday, May 24, 2017 1:10 PM
To: Steve Berl
Cc: Super_SID@yahoogroups.com; Jaap Akkerhuis
Subject: Re: [Super_SID] SuperSID configuration of "scaling_factor"

I had always assumed it was a "feature" of the software cutting off at exactly midnight, perhaps while a line was being written into the file. But that's only a guess.

Debbie

On 5/23/17 9:04 PM, Steve Berl steveberl@...<mailto:steveberl@gmail.com> [Super_SID] wrote:

Yes. The files are ingested properly. It isn't an immediate problem. But, I think this is an indication of a bug in the client software and might be good to figure out where this is coming from.

Steve

On Tue, May 23, 2017 at 8:07 PM Deborah Scherrer <dscherrer@solar.stanford.edu<mailto:dscherrer@...>> wrote:
Steve, it is very common for SuperSID data files to have an incomplete or bad last line. It apparently relates to the instruments themselves, but it usually does not cause a problem. My input scripts check for this and ignore the bad lines, hence producing the error message you mentioned. So the files should be OK, with the bad last line stripped off. Is that not the case?

Debbie

On 5/23/17 12:04 PM, Steve Berl steveberl@...<mailto:steveberl@gmail.com> [Super_SID] wrote:
Okay, finally got back and had a look at this. Seems the problem I was seeing my not be what I had thought.

In the past I had seen files corrupted by what I thought was long numbers overflowing as I described, but this problem I am seeing now is different.

The station that was having the problem is AIMS_UNM. Sometimes the files were causing error log entries in the intake scripts such as

NEW/AIMS_UNM_NML_2017-05-14_000000.csv : ignoring bad data line: 207.256507428
...done

It turns out that this is not the same problem I have seen in the past. This file corruption seems to be an additional line added at or near the end of the .csv file. The line appears to be a suffix of a correctly formatted line. It is missing the beginning part of the line. Sometimes it includes part of the date and time, and sometimes it is just a data value. The number of characters missing varies from case to case.

This also seems to be an additional line. The files with the errors have all the correctly formatted data and an additional line that is badly formed. And even more fun, the data value that appears in the additional corrupt line is not the same as any of the data values in any of the correctly formatted lines, so it isn't just repeating a chunk of some previous line of data.

The corrupt data appears to always be at the end of the file, after the line with time 23:59:55. Sometimes there is just one partial line, sometimes there is a partial line followed by a correctly formatted line, but it is not valid data from this station.

These corrupted files are already corrupted in the .tar files from the ftp server, so it is being introduced someplace either on the client side, or on the ftp server machine.

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In the example below there is a line starting with 207.256....
This line and the one following are junk. Also not that neither of those data values appear elsewhere in the fine. Perhaps they come form one of the other stations being monitored by this client?

Here are the head and tail of an example file:

solarport:/home/steveberl/NEW> tail AIMS_UNM_NML_2017-05-14_000000.csv

2017-05-14 23:59:20, 200.192016676
2017-05-14 23:59:25, 201.496290644
2017-05-14 23:59:30, 202.889023124
2017-05-14 23:59:35, 204.281755603
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2017-05-14 23:59:45, 207.067220562
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2017-05-14 23:59:55, 209.852685521
207.256507428
2017-05-14 23:59:55, 209.117063024
solarport:/home/steveberl/NEW> head !$

```
head AIMS_UNM_NML_2017-05-14_000000.csv
# Site = AIMS_UNM
# Contact = DFRAZIER@AIMS-UNM.ORG<mailto:DFRAZIER@...>
# Longitude = -106.36
# Latitude = 35.0
#
# UTC_Offset = -7
# TimeZone = Mountian
#
# UTC_StartTime = 2017-05-14 00:00:00
# LogInterval = 5
solarport:/home/steveberl/NEW>
```

On Fri, May 19, 2017 at 7:31 AM, Steve Berl <steveberl@...<mailto:steveberl@...>> wrote:
Jaap ,

I am on the road without computer so hard to send examples. But what appears to happen is that long numbers seem to overrun into each other in the csv files. These are long numbers with lots of digits to left of decimal point. If I remember right it ends up looking like a number with 2 decimal points and that breaks the input parsing on our servers.

When I get home next Wednesday I can dig up examples.

Steve

On Fri, May 19, 2017 at 10:13 AM Jaap Akkerhuis jakkerhuis@...<mailto:jakkerhuis@...> [Super_SID] <Super_SID@yahoogroups.com<mailto:Super_SID@yahoogroups.com>> wrote:

On May 15, 2017, at 20:11, Steve Berl steveberl@...<mailto:steveberl@...> [Super_SID] <Super_SID@yahoogroups.com<mailto:Super_SID@yahoogroups.com>> wrote:

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The large value cause the numbers in the data files to be very long, and overflow into the next column of data. This then causes problems for our software that attempts to parse this data file and we end up not being able to accept the files.

If everyone can take a second to look at their .cfg files and look at the value of "scaling_factor". It should be set to "scaling_factor = 1.0" unless you think there is a good reason for it to be a larger number.

The change in the scaling factor started with Release 1.2.0r5, (2012-08-12).

The Release notes state:

* set scaling factor to 230.00 to compensate for changes
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In a followup note you say

but this can sometime cause errors where the columns of numbers in the data files overflow.

I don't understand this. What you mean with this? Can you give an example? It there is a problem here, it should not happen or at least signalled by the supersid that there is a problem.

jaap

--
-steve

--
-steve

--
-steve

1892. Re: [Super_SID] SuperSID configuration of "scaling_factor"

Yahoo group: Super_SID
Date: 2017-05-24 21:54:40 UTC
From: Jon Caples
Topic: 1865 Message: 1892

Please change my email address to jon.caples@....

My wife and I thank you!

Jon Caples / Jeanie Stokes

Caples.Stokes@...
303.740.8190

From: Super_SID@...m <Super_SID@yahoogroups.com> on behalf of Deborah Scherrer dscherrer@solar.stanford.edu [Super_SID] <Super_SID@yahoogroups.com>
Sent: Wednesday, May 24, 2017 1:10 PM
To: Steve Berl
Cc: Super_SID@yahoogroups.com; Jaap Akkerhuis
Subject: Re: [Super_SID] SuperSID configuration of "scaling_factor"

I had always assumed it was a "feature" of the software cutting off at exactly midnight, perhaps while a line was being written into the file. But that's only a guess.

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Debbie

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2017-05-14 23:59:35, 204.281755603
2017-05-14 23:59:40, 205.674488083
2017-05-14 23:59:45, 207.067220562
2017-05-14 23:59:50, 208.459953042
2017-05-14 23:59:55, 209.852685521
207.256507428
2017-05-14 23:59:55, 209.117063024
solarport:/home/steveberl/NEW> head !$
head AIMS_UNM_NML_2017-05-14_000000.csv
Site = AIMS_UNM
Contact = DFRAZIER@...<mailto:DFRAZIER@...>

Longitude = -106.36
Latitude = 35.0
#
UTC_Offset = -7
TimeZone = Mountian
#
UTC_StartTime = 2017-05-14 00:00:00
LogInterval = 5
solarport:/home/steveberl/NEW>

On Fri, May 19, 2017 at 7:31 AM, Steve Berl <steveberl@...<mailto:steveberl@...>> wrote:
Jaap ,

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When I get home next Wednesday I can dig up examples.

Steve

On Fri, May 19, 2017 at 10:13 AM Jaap Akkerhuis jakkerhuis@...<mailto:jakkerhuis@...> [Super_SID] <Super_SID@yahoogroups.com<mailto:Super_SID@yahoogroups.com>> wrote:

On May 15, 2017, at 20:11, Steve Berl steveberl@...<mailto:steveberl@...> [Super_SID] <Super_SID@yahoogroups.com<mailto:Super_SID@yahoogroups.com>> wrote:

Hello SuperSID users,

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The large value cause the numbers in the data files to be very long, and overflow into the next column of data. This then causes problems for our software that attempts to parse this data file and we end up not being able to accept the files.

If everyone can take a second to look at their .cfg files and look at the value of "scaling_factor". It should be set to "scaling_factor = 1.0" unless you think there is a good reason for it to be a larger number.

The change in the scaling factor started with Release 1.2.0r5, (2012-08-12).

The Release notes state:

* set scaling factor to 230.00 to compensate for changes
in the libraries

In a followup note you say

but this can sometime cause errors where the columns of numbers in the data files overflow.

I don't understand this. What you mean with this? Can you give an example? It there is a problem here, it should not happen or at least signalled by the supersid that there is a problem.

jaap

--
-steve

--
-steve

--
-steve

1893. Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-05-24 22:01:46 UTC
From: Jon Caples
Topic: 1837 Message: 1893

please change address to

joncaples4iaas@...

Jon Caples / Jeanie Stokes

Caples.Stokes@...
303.740.8190

From: Super_SID@yahoogroups.com <Super_SID@yahoogroups.com> on behalf of Gohar Ali aazaan12@... [Super_SID] <Super_SID@yahoogroups.com>
Sent: Wednesday, May 24, 2017 4:47 AM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Hi keith

Can you locate me the transmitters that could be listed in the .cfg file over pakistan. As i from Pakistan, so what could be the possible transmitter that i should observe through my SuperSid monitor.
I will be very grateful to for your help.

Regards
Gohar

1894. Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-05-24 21:56:29 UTC
From: Jon Caples
Topic: 1837 Message: 1894

please change my address

joncaples4iaas@...

Jon Caples / Jeanie Stokes

Caples.Stokes@...
303.740.8190

From: Super_SID@yahoogroups.com <Super_SID@yahoogroups.com> on behalf of 'Keith Payea' kpayea@... [Super_SID] <Super_SID@yahoogroups.com>
Sent: Wednesday, May 24, 2017 10:31 AM
To: Super_SID@yahoogroups.com
Subject: RE: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Hi Gohar:

Appendix A in the manual has a list of stations. From that, you might try monitoring the station in India: VTX3 on 18.2KHz.

Do any of the other listeners on this group have suggestions for stations to monitor from Pakistan?

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, May 24, 2017 03:47
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Hi keith

Can you locate me the transmitters that could be listed in the .cfg file over pakistan. As i from Pakistan, so what could be the possible transmitter that i should observe through my SuperSid monitor.
I will be very grateful to for your help.

Regards
Gohar

1895. Auto Uploading SID data

Yahoo group: Super_SID
Date: 2017-05-25 01:07:19 UTC
From: kf7mzy@...
Topic: 1895 Message: 1895

Hi all,

I am getting ready to upload data. My system is working fine and the data looks great. Next step in my testing is to upload the data. In the auto mode...changing to YES in the config file regarding upload...what time is the data uploaded. Is it truly automatic or is there some intervention on my part needed. How do I know the upload occurred and if it was successful. Can I upload only specific files manually?

Thanks.

David

1896. Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-05-25 05:54:41 UTC
From: Gohar Ali
Topic: 1837 Message: 1896

thank you keith!
I dont know that these transmitters i.e vtx3 and other VTXs transmitters
are active or not.
I normally get 4-5 peaks from range 15Khz to 22Khz. when i change my
location within the city the peaks also shuffle by few Kilohertz.
Any good suggestion please. I will upload pics of the plot graphs soon

On Wed, May 24, 2017 at 9:31 PM, 'Keith Payea' kpayea@pacbell.net
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Hi Gohar:
>
>
>
> Appendix A in the manual has a list of stations. From that, you might try
> monitoring the station in India: VTX3 on 18.2KHz.
>
>
>
> Do any of the other listeners on this group have suggestions for stations
> to monitor from Pakistan?
>
>
>
> Keith
>
>
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Wednesday, May 24, 2017 03:47
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere
> Disturbance (SID) for Solar eruption ,C5.5.
>
>
>
>
>
> Hi keith
>
> Can you locate me the transmitters that could be listed in the .cfg file
> over pakistan. As i from Pakistan, so what could be the possible

> transmitter that i should observe through my SuperSid monitor.
>
> I will be very grateful to for your help.
>
> Regards
>
> Gohar
>
>
>

1897. Re: [Super_SID] Auto Uploading SID data

Yahoo group: Super_SID
Date: 2017-05-25 15:09:23 UTC
From: Steve Berl
Topic: 1895 Message: 1897

You just turn it on in the .cfg and the software does the rest.
The upload occurs a few moments after 0000 UTC.

Please check that the contact email address and latitude/longitude in your
.cfg are correct also before you start uploading data.

What is your station ID?

-steve

On Wed, May 24, 2017 at 6:07 PM, kf7mzy@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> Hi all,
>
>
> I am getting ready to upload data. My system is working fine and the data
> looks great. Next step in my testing is to upload the data. In the auto
> mode...changing to YES in the config file regarding upload...what time is
> the data uploaded. Is it truly automatic or is there some intervention on
> my part needed. How do I know the upload occurred and if it was successful.
> Can I upload only specific files manually?
>
>
> Thanks.
>
>
> David
>
>
>

--
-steve

1898. Re: [Super_SID] Auto Uploading SID data

Yahoo group: Super_SID
Date: 2017-05-25 15:10:22 UTC
From: Steve Berl
Topic: 1895 Message: 1898

One last thing is to be sure your system clock is accurately set.
Configuring your system to use NTP or whatever Microsoft uses these days is
the best way to make that happen.

-steve

On Thu, May 25, 2017 at 8:09 AM, Steve Berl <steveberl@...> wrote:

> You just turn it on in the .cfg and the software does the rest.
> The upload occurs a few moments after 0000 UTC.
>
> Please check that the contact email address and latitude/longitude in your
> .cfg are correct also before you start uploading data.
>
> What is your station ID?
>
> -steve
>
> On Wed, May 24, 2017 at 6:07 PM, kf7mzy@yahoo.com [Super_SID] <
> Super_SID@yahoogroups.com> wrote:
>
>>
>>
>> Hi all,
>>
>>
>> I am getting ready to upload data. My system is working fine and the data
>> looks great. Next step in my testing is to upload the data. In the auto
>> mode...changing to YES in the config file regarding upload...what time is
>> the data uploaded. Is it truly automatic or is there some intervention on
>> my part needed. How do I know the upload occurred and if it was successful.
>> Can I upload only specific files manually?
>>
>>
>> Thanks.
>>
>>
>> David
>>
>>
>>
>>
>
>
>
> --
> -steve

>

--
-steve

1899. RE: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-05-25 15:10:41 UTC
From: Keith Payea
Topic: 1837 Message: 1899

We have many SuperSIDs installed in your part of the world. Perhaps some others users around you will respond with suggestions.

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, May 24, 2017 22:55
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

thank you keith!
I dont know that these transmitters i.e vtx3 and other VTXs transmitters are active or not.

I normally get 4-5 peaks from range 15Khz to 22Khz. when i change my location within the city the peaks also shuffle by few Kilohertz.

Any good suggestion please. I will upload pics of the plot graphs soon

On Wed, May 24, 2017 at 9:31 PM, 'Keith Payea' kpayea@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Hi Gohar:

Appendix A in the manual has a list of stations. From that, you might try monitoring the station in India: VTX3 on 18.2KHz.

Do any of the other listeners on this group have suggestions for stations to monitor from Pakistan?

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, May 24, 2017 03:47
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Hi keith

Can you locate me the transmitters that could be listed in the .cfg file over pakistan. As i from Pakistan, so what could be the possible transmitter that i should observe through my SuperSid monitor.

I will be very grateful to for your help.

Regards

Gohar

1900. Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C5.5.

Yahoo group: Super_SID
Date: 2017-05-25 15:16:41 UTC
From: Steve Berl
Topic: 1837 Message: 1900

Jon,

I believe that you change your email address yourself at

https://groups.yahoo.com/neo/groups/Super_SID/management/membership

-steve

On Wed, May 24, 2017 at 2:56 PM, Jon Caples caples.stokes@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> please change my address
>
>
> joncaples4iaas@...
>
>
>
>
> *Jon Caples / Jeanie Stokes*
>
> *Caples.Stokes@... <Caples.Stokes@...>*
> 303.740.8190 <(303)%20740-8190>
>
>
>
>
>
>
>
> ------------------------------
> *From:* Super_SID@yahoogroups.com <Super_SID@yahoogroups.com> on behalf
> of 'Keith Payea' kpayea@... [Super_SID] <Super_SID@yahoogroups.com
> >
> *Sent:* Wednesday, May 24, 2017 10:31 AM
> *To:* Super_SID@yahoogroups.com
> *Subject:* RE: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere
> Disturbance (SID) for Solar eruption ,C5.5.
>
>
>
> Hi Gohar:
>

>
>
> Appendix A in the manual has a list of stations. From that, you might try
> monitoring the station in India: VTX3 on 18.2KHz.
>
>
>
> Do any of the other listeners on this group have suggestions for stations
> to monitor from Pakistan?
>
>
>
> Keith
>
>
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Wednesday, May 24, 2017 03:47
> *To:* Super_SID@yahoogroups.com
> *Subject:* Re: [Super_SID] Re: 2017/04/18 UT : Sudden Ionosphere
> Disturbance (SID) for Solar eruption ,C5.5.
>
>
>
>
>
>
> Hi keith
>
> Can you locate me the transmitters that could be listed in the .cfg file
> over pakistan. As i from Pakistan, so what could be the possible
> transmitter that i should observe through my SuperSid monitor.
>
> I will be very grateful to for your help.
>
> Regards
>
> Gohar
>
>
>

--
-steve

1901. Re: [Super_SID] Auto Uploading SID data

Yahoo group: Super_SID
Date: 2017-05-25 16:34:25 UTC
From: David Iadevaia
Topic: 1895 Message: 1901

Thanks Steve. I turned it on for a test just before 2359 UTC yesterday. I then checked the SID Data Access and it was there. I am very impressed with this entire project...from the hardware, software and support. Good job! ID MVO 9255.

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Thu, 5/25/17, Steve Berl steveberl@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: Re: [Super_SID] Auto Uploading SID data
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Date: Thursday, May 25, 2017, 8:09 AM

You just turn it on in the .cfg
and the software does the rest. The upload occurs a
few moments after 0000 UTC.
Please check that the contact email

address and latitude/longitude in your .cfg are correct also
before you start uploading data.
What is your station
ID?
-steve
On Wed, May 24, 2017 at
6:07 PM, kf7mzy@yahoo.com
[Super_SID] <Super_SID@yahoogroups.com>
wrote:

Hi all,
I am getting ready to
upload data. My system is working fine and the data looks
great. Next step in my testing is to upload the data. In the
auto mode...changing to YES in the config file regarding
upload...what time is the data uploaded. Is it truly
automatic or is there some intervention on my part needed.
How do I know the upload occurred and if it was successful.
Can I upload only specific files
manually?
Thanks.
David

--
-steve

1902. Unusual Power Spectrum Density

Yahoo group: Super_SID
Date: 2017-05-27 11:03:58 UTC
From: aprilsaccuan@...
Topic: 1902 Message: 1902
Attachments: 2 described; binary payloads are missing from this source WARC

Hi all.

I have recently setup a SuperSID monitor in Manila, Philippines for our research. I am using the version 3 that came from Stanford and made the antenna from PVC (attached). I have attached also a power spectrum density that the monitor is receiving but we think we are getting unusual results since there are no defined peaks as based from the sample plot from the manual and the power spectrum density drops rapidly starting from around 24kHz.

Has anybody encountered similar scenario like this? How can we improve our setup? Hoping for your kind assistance. Thank you very much.

-April Saccuan

1903. Re: [Super_SID] Unusual Power Spectrum Density [2 Attachments]

Yahoo group: Super_SID
Date: 2017-05-27 17:54:19 UTC
From: Steve Berl
Topic: 1902 Message: 1903

Check sound card sampling rate. It should be set to 96ksps

Steve

On Sat, May 27, 2017 at 8:24 AM aprilsaccuan@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#m_-680767431975089948_TopText> from
> aprilsaccuan@... included below]
>
> Hi all.
>
> I have recently setup a SuperSID monitor in Manila, Philippines for our
> research. I am using the version 3 that came from Stanford and made the
> antenna from PVC (attached). I have attached also a power spectrum density
> that the monitor is receiving but we think we are getting unusual results
> since there are no defined peaks as based from the sample plot from the
> manual and the power spectrum density drops rapidly starting from around
> 24kHz.
>
> Has anybody encountered similar scenario like this? How can we improve our
> setup? Hoping for your kind assistance. Thank you very much.
>
> -April Saccuan
>
>
>
>
--
-steve

1904. 2017/05/28 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C3.3.

Yahoo group: Super_SID
Date: 2017-05-29 12:42:42 UTC
From: drsaguirre@...
Topic: 1904 Message: 1904

2017/05/28 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C3.3.

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event:C3.3

Date: 2017/05/28
Time: 19:25 -20:10 Hrs UT

Site: 29.10 N , -110.96

AAVSO Importance : 2.

Solar Active Region: 2659..

SID`s Images here: Spanish (please use Translator)...

https://goo.gl/0lDupF https://goo.gl/0lDupF

regards

Salvador Aguirre
SARA/AAVSO.

Son, Mex.

1905. Re: [Super_SID] 2017/05/28 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C3.3.

Yahoo group: Super_SID
Date: 2017-05-30 16:19:05 UTC
From: Steve Berl
Topic: 1904 Message: 1905

We saw it a bit further north in Oakland, CA also.

http://sid.stanford.edu/database-browser/browse.jsp?date=2017-05-28T00.00.00&monitor=035$CSSC$NPM&monitor=035$CSSC$NLK

-steve

On Mon, May 29, 2017 at 5:42 AM, drsaguirre@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> 2017/05/28 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption
> ,C3.3.
>
> Hi Everyone.
>
> Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:
>
> Solar Event:C3.3
>
> Date: 2017/05/28
> Time: 19:25 -20:10 Hrs UT
>
> Site: 29.10 N , -110.96
>
> AAVSO Importance : 2.
>
> Solar Active Region: 2659..
>
> SID`s Images here: Spanish (please use Translator)...
>
> https://goo.gl/0lDupF
>
> regards
>
> Salvador Aguirre
> SARA/AAVSO.
>
> Son, Mex.
>
>
>
>
>
>

--
-steve

1906. Re: [Super_SID] 2017/05/28 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C3.3.

Yahoo group: Super_SID
Date: 2017-05-30 18:18:42 UTC
From: kf7mzy@...
Topic: 1904 Message: 1906

Saw it in Tucson. Should we report any SIDs that we see in our data here or is the data analysed at Stanford for SIDs on a schedule extracting SIDs when they occur?

Is it possible to upload data that was not uploaded automatically? I collected data yesterday but did not have the computer connected to the network so it was not uploaded.

David

1907. Re: [Super_SID] 2017/05/28 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C3.3.

Yahoo group: Super_SID
Date: 2017-05-30 18:34:59 UTC
From: Deborah Scherrer
Topic: 1904 Message: 1907

Data is not analyzed at Stanford. It is simply collected and made available. A number of students have accessed the data to do their own analyses, but we aren't necessarily told about their outcomes.

Debbie

On 5/30/17 11:18 AM, kf7mzy@... [Super_SID] wrote:
>
> Saw it in Tucson. Should we report any SIDs that we see in our data
> here or is the data analysed at Stanford for SIDs on a schedule
> extracting SIDs when they occur?
>
>
> Is it possible to upload data that was not uploaded automatically? I
> collected data yesterday but did not have the computer connected to
> the network so it was not uploaded.
>
> David
>

1908. Re: [Super_SID] 2017/05/28 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C3.3.

Yahoo group: Super_SID
Date: 2017-05-30 19:28:44 UTC
From: Steve Berl
Topic: 1904 Message: 1908

And yes it is possible to upload data manually. Just use an FTP client such as FileZilla to copy the files.

Use the same ftp server and directory you have in your supersid.cfg file.

Mine says:
ftp_server = sid-ftp.stanford.edu
ftp_directory = /incoming/SuperSID/

-steve

On Tue, May 30, 2017 at 11:35 AM Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Data is not analyzed at Stanford. It is simply collected and made
> available. A number of students have accessed the data to do their own
> analyses, but we aren't necessarily told about their outcomes.
>
> Debbie
>
>
>
> On 5/30/17 11:18 AM, kf7mzy@... [Super_SID] wrote:
>
>
>
> Saw it in Tucson. Should we report any SIDs that we see in our data here
> or is the data analysed at Stanford for SIDs on a schedule extracting SIDs
> when they occur?
>
> Is it possible to upload data that was not uploaded automatically? I
> collected data yesterday but did not have the computer connected to the
> network so it was not uploaded.
>
> David
>
>
>
>

1909. Re: [Super_SID] 2017/05/28 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C3.3.

Yahoo group: Super_SID
Date: 2017-05-30 20:30:18 UTC
From: David Iadevaia
Topic: 1904 Message: 1909

I'll try that, thanks.

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Tue, 5/30/17, Steve Berl steveberl@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: Re: [Super_SID] 2017/05/28 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C3.3.
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Date: Tuesday, May 30, 2017, 12:28 PM

And yes it is possible to
upload data manually. Just use an FTP client such as
FileZilla to copy the files.
Use the same ftp server and
directory you have in your supersid.cfg file.
Mine says:ftp_server
= sid-ftp.stanford.eduftp_directory
= /incoming/SuperSID/
-steve
On Tue, May 30, 2017
at 11:35 AM Deborah Scherrer dscherrer@...
[Super_SID] <Super_SID@yahoogroups.com>
wrote:

Data is not analyzed at Stanford. It is simply
collected and made
available. A number of students have accessed the data
to do their
own analyses, but we aren't necessarily told about
their outcomes.

Debbie

On
5/30/17 11:18 AM, kf7mzy@...
[Super_SID] wrote:

Saw it in Tucson. Should we report any SIDs
that we see

in our data here or is the data analysed at
Stanford for
SIDs on a schedule extracting SIDs when they
occur?

Is it possible to upload data that was not
uploaded
automatically? I collected data yesterday but
did not have
the computer connected to the network so it
was not
uploaded.

David

1910. Re: [Super_SID] 2017/05/28 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C3.3.

Yahoo group: Super_SID
Date: 2017-05-30 20:34:22 UTC
From: David Iadevaia
Topic: 1904 Message: 1910

Are there any plans for the eclipse? Any suggested VLF stations to specifically monitor? I will be collecting data at my base camp in Douglas, WY.
http://papasgreatamericaneclipseexpedition.blogspot.com/

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Tue, 5/30/17, Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: Re: [Super_SID] 2017/05/28 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C3.3.
To: Super_SID@yahoogroups.com
Date: Tuesday, May 30, 2017, 11:34 AM

Data is not analyzed at Stanford. It is simply
collected and made
available. A number of students have accessed the data
to do their
own analyses, but we aren't necessarily told about
their outcomes.

Debbie

On 5/30/17 11:18 AM, kf7mzy@...
[Super_SID] wrote:

Saw it in Tucson. Should we report any SIDs
that we see
in our data here or is the data analysed at
Stanford for
SIDs on a schedule extracting SIDs when they
occur?

Is it possible to upload data that was not
uploaded
automatically? I collected data yesterday but
did not have
the computer connected to the network so it
was not
uploaded.

David

1911. 2017/06/02 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C8.0

Yahoo group: Super_SID
Date: 2017-06-03 12:39:55 UTC
From: drsaguirre@...
Topic: 1911 Message: 1911

2017/06/02 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C8.0

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event:C8.0

Date: 2017/06/02
Time: 17:55 -18:25 Hrs UT

Site: 29.10 N , -110.96

AAVSO Importance : 1+.

Solar Active Region: 2661..

SID`s Images here: Spanish (please use Translator)...

https://goo.gl/4Rmzgq https://goo.gl/4Rmzgq

regards

Salvador Aguirre
SARA/AAVSO.

Son, Mex.

1912. SID on way

Yahoo group: Super_SID
Date: 2017-06-06 08:48:50 UTC
From: Roe-Simons, Dave (Murray Bridge High Scho
Topic: 1912 Message: 1912

Thanks Keith,

We (the department and I) are looking forward to them. Now it's a reality the senior physics lecturers won't stop bothering me.

Just a question, the Super SID location map doesn't seem to be working. I'll annoy the yahoo group, but is there a list somewhere which I can peruse in order to make 'mentor' contacts?

Equally so, do you know of 'poster' type links as students who I have discussed the project with are pestering me to 'get my act together' and put information sheets up - I'm suffering a couple of year 9 over achievers who can't wait to get this going (educational heaven).

Cheers and thanks, Dave.

This message is intended for the addressee named and may contain privileged information or confidential information or both. If you are not the intended recipient please delete it and notify the sender.

1913. FW: Super Sid software problem

Yahoo group: Super_SID
Date: 2017-06-13 16:10:21 UTC
From: Keith Payea
Topic: 1913 Message: 1913
Attachments: 1 described; binary payloads are missing from this source WARC

I'm forwarding this message from Robert. Does anyone have an idea what's going on?

Keith

-----Original Message-----
From: ROBERT L. TUCKER [mailto:rltucker@...]
Sent: Sunday, June 11, 2017 21:52
To: kbpayea@...
Subject: Super Sid software problem

This is new. Nothing about the computer has changed or been changed.

The software was ok for a while, performed normally, but now it flashes the correct screen for only a second or two and then this:

Any ideas?

Robert

1914. Re: [Super_SID] FW: Super Sid software problem [1 Attachment]

Yahoo group: Super_SID
Date: 2017-06-13 16:50:31 UTC
From: Steve Berl
Topic: 1913 Message: 1914

That looks pretty strange. The frequency axis is not normal.
Can you send the supersid.cfg file?

-steve

On Tue, Jun 13, 2017 at 9:10 AM, 'Keith Payea' kpayea@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#m_-5868003924016172026_TopText> from Keith Payea
> included below]
>
> I'm forwarding this message from Robert. Does anyone have an idea what's
> going on?
>
> Keith
>
> -----Original Message-----
> From: ROBERT L. TUCKER [mailto:rltucker@...]
> Sent: Sunday, June 11, 2017 21:52
> To: kbpayea@...
> Subject: Super Sid software problem
>
> This is new. Nothing about the computer has changed or been changed.
>
> The software was ok for a while, performed normally, but now it flashes the
> correct screen for only a second or two and then this:
>
> Any ideas?
>
> Robert
>
>
>

--
-steve

1915. FW: Super Sid software problem

Yahoo group: Super_SID
Date: 2017-06-13 17:29:11 UTC
From: Keith Payea
Topic: 1913 Message: 1915

Here are the contents of Robert's supersid.cfg file. It looks pretty normal to me.

He also sent me a video showing the startup. SuperSID comes up with a spectrum that is consistent with the sound card being set to 44.1 or 48KHz (steep drop in signal at around 24KHz). Then it changes to the image with the strange frequency scale on the bottom.

Keith

-----Original Message-----
From: ROBERT L. TUCKER [mailto:rltucker@...]
Sent: Tuesday, June 13, 2017 10:07
To: kbpayea@...
Subject: Re: Super Sid software problem

On Jun 13, 2017, at 12:01 PM, Keith Payea wrote:

> Can you send me your supersid.cfg file?

```
[PARAMETERS]

#####
# required parameters
#
site_name = RLT
contact = rltucker@...

# Where the monitor is situated
country = USA

# longitude: Value between -180.0 to +180.0
# Negative for western, positive for eastern hemisphere
# latitude: Value between -90.0 to +90.0
# Negative for southern , positive for northern hemisphere
# Values should be in floating point notation (e.g 12.34) # longitude =
-96.00 latitude = 36.00

audio_sampling_rate = 96000

log_interval = 5
log_type = filtered
scaling_factor = 220.0

utc_offset = 5
time_zone = CDT
monitor_id = 9259
```

```
#####
# next two keywords are optional
#
# if you want to save data hourly set the hourly_save value to yes
# (experimental)
hourly_save = no

# you can change to a different data directory:
# data_path = ../differentdir
data_path = ../Data

automatic_upload = no
ftp_server = sid-ftp.stanford.edu
ftp_directory = /incoming/SuperSID/

number_of_stations = 6

[STATION_1]
call_sign = NAA
color = r
frequency = 24000

[STATION_2]
call_sign = NLK
color = b
frequency = 24800

[STATION_3]
call_sign = NML
color = g
frequency = 25200

[STATION_4]
call_sign = NPM
color = c
frequency = 21400

[STATION_5]
call_sign = NWC
color = y
frequency = 19800

[STATION_6]
call_sign = JJI
color = k
frequency = 22200
```

1916. Re: [Super_SID] FW: Super Sid software problem

Yahoo group: Super_SID
Date: 2017-06-13 17:57:01 UTC
From: Jaap Akkerhuis
Topic: 1913 Message: 1916

> On Jun 13, 2017, at 19:29, 'Keith Payea' kpayea@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>
> Here are the contents of Robert's supersid.cfg file. It looks pretty normal
> to me.
>

The file contains an error in this block

> # longitude: Value between -180.0 to +180.0
> # Negative for western, positive for eastern hemisphere
> # latitude: Value between -90.0 to +90.0
> # Negative for southern , positive for northern hemisphere
> # Values should be in floating point notation (e.g 12.34) # longitude =
> -96.00 latitude = 36.00
>

Notice the last two lines. That should probably three lines as in:

```
# Values should be in floating point notation (e.g 12.34)
longitude = -96.00
latitude = 36.00
```

jaap

1917. Re: [Super_SID] FW: Super Sid software problem

Yahoo group: Super_SID
Date: 2017-06-13 18:33:50 UTC
From: ROBERT L. TUCKER
Topic: 1913 Message: 1917
Attachments: 1 described; binary payloads are missing from this source WARC

On Jun 13, 2017, at 12:57 PM, Jaap Akkerhuis wrote:

> Notice the last two lines. That should probably three lines as in:
>
> # Values should be in floating point notation (e.g 12.34)
> longitude = -96.00
> latitude = 36.00

Below is a jpeg of the cfg file down to the VLF stations.

1918. Re: [Super_SID] FW: Super Sid software problem

Yahoo group: Super_SID
Date: 2017-06-13 20:55:53 UTC
From: ROBERT L. TUCKER
Topic: 1913 Message: 1918

Question:

Should supersid v.1.2.2 work with Windows 8.1?

Robert

1919. Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-23 15:39:56 UTC
From: Deborah Scherrer
Topic: 1919 Message: 1919

Anyone want to be added to NASA's list?
Debbie

-------- Forwarded Message --------
Subject: Eclipse 2017 and SuperSID
Date: Fri, 23 Jun 2017 14:56:07 +0000
From: Odenwald, Sten F. (GSFC-672.0)[NATIONAL INSTITUTE OF AEROSPACE]
<sten.f.odenwald@...>
To: Deborah Scherrer <dscherrer@...>
CC: Deborah Scherrer <dscherrer@...>

Hi Deborah!!

I am adding projects to the NASA Citizen Science page for the August
solar eclipse.

Will any of the SID monitors be monitoring during the eclipse? I would
like to include your CS project in our list of so!

https://eclipse2017.nasa.gov/citizen-science

Sten

++++++++++++++++++++++++
Dr. Sten Odenwald
Director of Citizen Science
Heliophysics Education Consortium
Heliophysics Division
Code 672.4
Goddard Spaceflight Center
Greenbelt, MD

1920. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-23 16:01:58 UTC
From: galenow
Topic: 1919 Message: 1920

Yes please
AIMS@ UNM

Message from ILL unit #2

> On Jun 23, 2017, at 09:39, Deborah Scherrer dscherrer@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>
> Anyone want to be added to NASA's list?
> Debbie
>
>
> -------- Forwarded Message --------
> Subject: Eclipse 2017 and SuperSID
> Date: Fri, 23 Jun 2017 14:56:07 +0000
> From: Odenwald, Sten F. (GSFC-672.0)[NATIONAL INSTITUTE OF AEROSPACE]
<sten.f.odenwald@...>
> To: Deborah Scherrer <dscherrer@...>
> CC: Deborah Scherrer <dscherrer@...>
>
> Hi Deborah!!
>
>
>
>
>
> I am adding projects to the NASA Citizen Science page for the August solar eclipse.
>
>
>
> Will any of the SID monitors be monitoring during the eclipse? I would like to include
your CS project in our list of so!
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>
> https://eclipse2017.nasa.gov/citizen-science
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>
> Sten
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>
> ++++++++++++++++++++++++
> Dr. Sten Odenwald

> Director of Citizen Science
> Heliophysics Education Consortium
> Heliophysics Division
> Code 672.4
> Goddard Spaceflight Center
> Greenbelt, MD
>
>
>

1921. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-23 17:51:39 UTC
From: David Iadevaia
Topic: 1919 Message: 1921

Add me.

http://papasgreatamericaneclipseexpedition.blogspot.com/

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Fri, 6/23/17, Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: [Super_SID] Fwd: Eclipse 2017 and SuperSID
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Date: Friday, June 23, 2017, 8:39 AM

Anyone want to be added to NASA's list?

Debbie

-------- Forwarded Message --------
Subject:
Eclipse 2017
and SuperSIDDate: Fri, 23 Jun 2017 14:56:07
+0000From: Odenwald, Sten F. (GSFC-672.0)[NATIONAL
INSTITUTE OF
AEROSPACE] <sten.f.odenwald@...>To: Deborah Scherrer <dscherrer@....edu>CC: Deborah
Scherrer <dscherrer@...>

Hi Deborah!!

I am adding projects to the NASA Citizen
Science page for
the August solar eclipse.

Will any of the SID monitors be monitoring
during the
eclipse? I would like to include your CS project
in our list
of so!

https://eclipse2017.nasa.gov/citizen-science

Sten

++++++++++++++++++++++++
Dr. Sten
Odenwald
Director of Citizen
Science
Heliophysics Education
Consortium
Heliophysics
Division
Code 672.4
Goddard Spaceflight
Center
Greenbelt,
MD

1922. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-23 19:55:33 UTC
From: Robert L Tucker
Topic: 1919 Message: 1922

Sent from my iPhone 6

On Jun 23, 2017, at 12:51 PM, David Iadevaia kf7mzy@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Anyone want to be added to NASA's list?

Hi, Debbie...
Yes:
Robert Tucker
rltucker@aol.com

1923. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-23 16:06:34 UTC
From: Bill Liles
Topic: 1919 Message: 1923

Thanks for forwarding this.

What they probably would like is a paragraph about what SuperSID is about
and an email POC.

Is anyone organizing anything for the eclipse?

If no one else is planning to analyze SuperSID data before/during/after the
eclipse, I am willing to do. I would just like as many SuperSID sites to up
load their data even through it is not a SID event.

Bill Liles

On Fri, Jun 23, 2017 at 11:40 AM Deborah Scherrer
dscherrer@solar.stanford.edu [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Anyone want to be added to NASA's list?
> Debbie
>
>
> -------- Forwarded Message --------
> Subject: Eclipse 2017 and SuperSID
> Date: Fri, 23 Jun 2017 14:56:07 +0000
> From: Odenwald, Sten F. (GSFC-672.0)[NATIONAL INSTITUTE OF AEROSPACE]
> <sten.f.odenwald@...> <sten.f.odenwald@...>
> To: Deborah Scherrer <dscherrer@...>
> <dscherrer@...u>
> CC: Deborah Scherrer <dscherrer@...>
> <dscherrer@solar.stanford.edu>
>
> Hi Deborah!!
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>
> I am adding projects to the NASA Citizen Science page for the August solar
> eclipse.
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> Will any of the SID monitors be monitoring during the eclipse? I would
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>
> https://eclipse2017.nasa.gov/citizen-science
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>
> Sten
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>
> ++++++++++++++++++++++++
> Dr. Sten Odenwald
> Director of Citizen Science
> Heliophysics Education Consortium
> Heliophysics Division
> Code 672.4
> Goddard Spaceflight Center
> Greenbelt, MD
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1924. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-23 21:52:29 UTC
From: David Iadevaia
Topic: 1919 Message: 1924

Hi Bill,

I will be collecting data before, during and after totality from Douglas, WY.

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Fri, 6/23/17, Bill Liles lilesw@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID
To: Super_SID@yahoogroups.com
Date: Friday, June 23, 2017, 9:06 AM

Thanks for forwarding
this.
What they
probably would like is a paragraph about what SuperSID is
about and an email POC.
Is anyone organizing anything for
the eclipse?
If no
one else is planning to analyze SuperSID data
before/during/after the eclipse, I am willing to do. I would
just like as many SuperSID sites to up load their data even
through it is not a SID event.
Bill Liles
On Fri, Jun 23, 2017
at 11:40 AM Deborah Scherrer dscherrer@...
[Super_SID] <Super_SID@yahoogroups.com>
wrote:

Anyone want to be added to NASA's list?

Debbie

-------- Forwarded Message --------
Subject:
Eclipse 2017
and SuperSIDDate: Fri, 23 Jun 2017 14:56:07 +0000From: Odenwald, Sten F.
(GSFC-672.0)[NATIONAL INSTITUTE OF
AEROSPACE] <sten.f.odenwald@...>To: Deborah Scherrer <dscherrer@solar.stanford.edu>CC:
Deborah Scherrer <dscherrer@...>

Hi Deborah!!

I am adding projects to the NASA Citizen
Science page for
the August solar eclipse.

Will any of the SID monitors be monitoring
during the
eclipse? I would like to include your CS project
in our list
of so!

https://eclipse2017.nasa.gov/citizen-science

Sten

++++++++++++++++++++++++
Dr. Sten
Odenwald
Director of Citizen
Science
Heliophysics Education
Consortium
Heliophysics
Division
Code 672.4
Goddard Spaceflight
Center
Greenbelt,
MD

1925. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-23 22:19:44 UTC
From: Bill Liles
Topic: 1919 Message: 1925

Great. Which transmitters can you receive there?
Bill

On Fri, Jun 23, 2017 at 6:02 PM David Iadevaia kf7mzy@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:

>
>
> Hi Bill,
>
> I will be collecting data before, during and after totality from Douglas,
> WY.
>
>
>
> David
>
> David Iadevaia
> KF7MZY
> www.davidiadevaia.com
> Tucson, AZ Grid Square: DM42
>
> ---
>
> On Fri, 6/23/17, Bill Liles lilesw@... [Super_SID] <
> Super_SID@yahoogroups.com> wrote:
>
> Subject: Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID
> To: Super_SID@yahoogroups.com
> Date: Friday, June 23, 2017, 9:06 AM
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> Thanks for forwarding

> this.
> What they
> probably would like is a paragraph about what SuperSID is
> about and an email POC.
> Is anyone organizing anything for
> the eclipse?
> If no
> one else is planning to analyze SuperSID data
> before/during/after the eclipse, I am willing to do. I would
> just like as many SuperSID sites to up load their data even
> through it is not a SID event.
> Bill Liles
> On Fri, Jun 23, 2017
> at 11:40 AM Deborah Scherrer dscherrer@...
> [Super_SID] <Super_SID@...m>
> wrote:
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> Anyone want to be added to NASA's list?
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> Debbie
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> -------- Forwarded Message --------
> Subject:
> Eclipse 2017
> and SuperSIDDate: Fri, 23 Jun 2017 14:56:07 +0000From: Odenwald, Sten F.
> (GSFC-672.0)[NATIONAL INSTITUTE OF
> AEROSPACE] <sten.f.odenwald@...>To: Deborah Scherrer <
> dscherrer@...>CC: Deborah Scherrer <
> dscherrer@....edu>
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>
> Hi Deborah!!
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> I am adding projects to the NASA Citizen
> Science page for
> the August solar eclipse.
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> Will any of the SID monitors be monitoring
> during the
> eclipse? I would like to include your CS project
> in our list
> of so!
>
> https://eclipse2017.nasa.gov/citizen-science
>
> Sten
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> ++++++++++++++++++++++++
> Dr. Sten
> Odenwald
> Director of Citizen
> Science
> Heliophysics Education
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> Heliophysics
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> Code 672.4
> Goddard Spaceflight
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> Greenbelt,

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1926. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-23 23:00:52 UTC
From: David Iadevaia
Topic: 1919 Message: 1926

I won't know until I get there. I am in Tucson.

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Fri, 6/23/17, Bill Liles lilesw@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID
To: Super_SID@yahoogroups.com
Date: Friday, June 23, 2017, 3:19 PM

Great. Which transmitters can you
receive there?Bill
On Fri, Jun 23, 2017
at 6:02 PM David Iadevaia kf7mzy@...
[Super_SID] <Super_SID@yahoogroups.com>
wrote:

Hi Bill,

I will be collecting data before, during and after totality
from Douglas, WY.

David

David Iadevaia

KF7MZY

www.davidiadevaia.com

Tucson, AZ Grid Square: DM42

On Fri, 6/23/17, Bill Liles lilesw@...
[Super_SID] <Super_SID@yahoogroups.com>
wrote:

Subject: Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

To: Super_SID@yahoogroups.com

Date: Friday, June 23, 2017, 9:06
AM

Thanks for forwarding

this.

What they

probably would like is a paragraph about what SuperSID
is

about and an email POC.

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the eclipse?

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one else is planning to analyze SuperSID data

before/during/after the eclipse, I am willing to do. I
would

just like as many SuperSID sites to up load their data
even

through it is not a SID event.

Bill Liles

On Fri, Jun 23, 2017

at 11:40 AM Deborah Scherrer dscherrer@...

[Super_SID] <Super_SID@yahoogroups.com>

wrote:

Anyone want to be added to NASA's list?

Debbie

-------- Forwarded Message --------

Subject:

Eclipse 2017

and SuperSIDDate: Fri, 23 Jun 2017 14:56:07 +0000From:
Odenwald, Sten F.

(GSFC-672.0)[NATIONAL INSTITUTE OF

AEROSPACE] <sten.f.odenwald@...>To:
Deborah Scherrer <dscherrer@....edu>CC:
Deborah Scherrer <dscherrer@...>

Hi Deborah!!

I am adding projects to the NASA Citizen

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the August solar eclipse.

Will any of the SID monitors be monitoring

during the

eclipse? I would like to include your CS
project

in our list

of so!

https://eclipse2017.nasa.gov/citizen-science

Sten

++++++++++++++++++++++++

Dr. Sten

Odenwald

Director of Citizen

Science

Heliophysics Education

Consortium

Heliophysics

Division

Code 672.4

Goddard Spaceflight

Center

Greenbelt,

MD

1927. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-23 23:09:11 UTC
From: Tushar Sharma
Topic: 1919 Message: 1927

Hello David

I am recently moved to Chandler. I am a PhD candidate at University of Calgary. Are you planning any new experiments?

Tushar

On Jun 23, 2017 11:01 AM, "David Iadevaia kf7mzy@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

>
>
> Add me.
>
> http://papasgreatamericaneclipseexpedition.blogspot.com/
>
> David
>
> David Iadevaia
> KF7MZY
> www.davidiadevaia.com
> Tucson, AZ Grid Square: DM42
>
> ---
> On Fri, 6/23/17, Deborah Scherrer dscherrer@...d.edu
> [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Subject: [Super_SID] Fwd: Eclipse 2017 and SuperSID
> To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
> Date: Friday, June 23, 2017, 8:39 AM
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> Anyone want to be added to NASA's list?

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> Debbie
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> -------- Forwarded Message --------
> Subject:
> Eclipse 2017
> and SuperSIDDate: Fri, 23 Jun 2017 14:56:07
> +0000From: Odenwald, Sten F. (GSFC-672.0)[NATIONAL
> INSTITUTE OF
> AEROSPACE] <sten.f.odenwald@...>To: Deborah Scherrer <
> dscherrer@...>CC: Deborah Scherrer <
> dscherrer@...>
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>
> Hi Deborah!!
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>
> I am adding projects to the NASA Citizen
> Science page for
> the August solar eclipse.
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> Heliophysics
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> Greenbelt,
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1928. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-23 23:43:20 UTC
From: David Iadevaia
Topic: 1919 Message: 1928

Hello Tushar,

I am collecting VLF data for analysis. One of my team members will be imaging the corona. I will also be support for the high altitude balloon imaging and video of the Moon's shadow. The night before the eclipse I will be giving a lecture and during the day of the eclipse I will be streaming live video to my grandchildrens' schools in Arizona as well as in situ video display of the partial phase before totality...and of course answering questions about the various experiments. The blog lists pretty much what I'll be doing. I'll be busy. :-)

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Fri, 6/23/17, Tushar Sharma sharma.tushar17@gmail.com [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID
To: Super_SID@yahoogroups.com
Date: Friday, June 23, 2017, 4:09 PM

Hello David
I am recently moved to Chandler. I
am a PhD candidate at University of Calgary. Are you
planning any new experiments?
Tushar
On Jun 23, 2017 11:01 AM,
"David Iadevaia kf7mzy@...
[Super_SID]" <Super_SID@yahoogroups.com>
wrote:

Add me.

http://
papasgreatamericaneclipseexped ition.blogspot.com/

David

David Iadevaia

KF7MZY

www.davidiadevaia.com

Tucson, AZ Grid Square: DM42

On Fri, 6/23/17, Deborah Scherrer dscherrer@...
[Super_SID] <Super_SID@yahoogroups.com>
wrote:

Subject: [Super_SID] Fwd: Eclipse 2017 and SuperSID

To: "Super_SID@yahoogroups.com"
<Super_SID@yahoogroups.com>

Date: Friday, June 23, 2017, 8:39 AM

Anyone want to be added to NASA's list?

Debbie

-------- Forwarded Message --------

Subject:

Eclipse 2017

and SuperSIDDate: Fri, 23 Jun 2017 14:56:07

+0000From: Odenwald, Sten F. (GSFC-672.0)[NATIONAL

INSTITUTE OF

AEROSPACE] <sten.f.odenwald@...>To:
Deborah Scherrer <dscherrer@...>
CC: Deborah Scherrer <dscherrer@solar.stanford.edu>

Hi Deborah!!

I am adding projects to the NASA Citizen

Science page for

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Will any of the SID monitors be monitoring

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eclipse? I would like to include your CS
project

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of so!

https://eclipse2017.nasa.gov/
citizen-science

Sten

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Dr. Sten

Odenwald

Director of Citizen

Science

Heliophysics Education

Consortium

Heliophysics

Division

Code 672.4

Goddard Spaceflight

Center

Greenbelt,

MD

1929. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-24 03:09:26 UTC
From: Robert L Tucker
Topic: 1919 Message: 1929

Sent from my iPhone 6

On Jun 23, 2017, at 10:39 AM, Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Anyone want to be added to NASA's list?

Yes, I would. Thanks, Debbie!
> Robert Tucker
rltucker@...

1930. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-24 07:00:55 UTC
From: Tushar Sharma
Topic: 1919 Message: 1930

Hello David

I am interested in helping and assisting you. Why not let's talk or meet sometime if possible

Tushar

On Jun 23, 2017 4:43 PM, "David Iadevaia kf7mzy@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

>
>
> Hello Tushar,
>
> I am collecting VLF data for analysis. One of my team members will be
> imaging the corona. I will also be support for the high altitude balloon
> imaging and video of the Moon's shadow. The night before the eclipse I will
> be giving a lecture and during the day of the eclipse I will be streaming
> live video to my grandchildrens' schools in Arizona as well as in situ
> video display of the partial phase before totality...and of course
> answering questions about the various experiments. The blog lists pretty
> much what I'll be doing. I'll be busy. :-)
>
> David
>
> David Iadevaia
> KF7MZY
> www.davidiadevaia.com
> Tucson, AZ Grid Square: DM42
>
> ---
> On Fri, 6/23/17, Tushar Sharma sharma.tushar17@... [Super_SID] <
> Super_SID@yahoogroups.com> wrote:
>
> Subject: Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID
> To: Super_SID@yahoogroups.com
> Date: Friday, June 23, 2017, 4:09 PM
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>
> Hello David
> I am recently moved to Chandler. I
> am a PhD candidate at University of Calgary. Are you
> planning any new experiments?
> Tushar
> On Jun 23, 2017 11:01 AM,
> "David Iadevaia kf7mzy@...
> [Super_SID]" <Super_SID@yahoogroups.com>
> wrote:
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> Add me.
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> http://
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> David Iadevaia
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> KF7MZY
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> www.davidiadevaia.com
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> Tucson, AZ Grid Square: DM42
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>
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> [Super_SID] <Super_SID@yahoogroups.com>
> wrote:
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> Subject: [Super_SID] Fwd: Eclipse 2017 and SuperSID
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> To: "Super_SID@yahoogroups.com"
> <Super_SID@yahoogroups.com>
>
> Date: Friday, June 23, 2017, 8:39 AM
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> Anyone want to be added to NASA's list?
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> Debbie
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> -------- Forwarded Message --------
>
> Subject:
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> Eclipse 2017
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> and SuperSIDDate: Fri, 23 Jun 2017 14:56:07
>
> +0000From: Odenwald, Sten F. (GSFC-672.0)[NATIONAL
>
> INSTITUTE OF
>
> AEROSPACE] <sten.f.odenwald@...>To:
> Deborah Scherrer <dscherrer@...>
> CC: Deborah Scherrer <dscherrer@...>
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> Hi Deborah!!
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> I am adding projects to the NASA Citizen
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1931. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-24 12:40:30 UTC
From: Ignacy J. Justyna
Topic: 1919 Message: 1931

Yes, please add me to the list.

Thank you,

Ig Justyna
AAMON

----- Original Message -----
From: Deborah Scherrer dscherrer@... [Super_SID]
To: Super_SID@yahoogroups.com
Sent: Friday, June 23, 2017 11:39 AM
Subject: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Anyone want to be added to NASA's list?
Debbie

-------- Forwarded Message -------- Subject: Eclipse 2017 and SuperSID
Date: Fri, 23 Jun 2017 14:56:07 +0000
From: Odenwald, Sten F. (GSFC-672.0)[NATIONAL INSTITUTE OF AEROSPACE]
<sten.f.odenwald@...>
To: Deborah Scherrer <dscherrer@...>
CC: Deborah Scherrer <dscherrer@...>

Hi Deborah!!

I am adding projects to the NASA Citizen Science page for the August solar eclipse.

Will any of the SID monitors be monitoring during the eclipse? I would like to include your CS project in our list of so!

https://eclipse2017.nasa.gov/citizen-science

Sten

++++++++++++++++++++++++
Dr. Sten Odenwald
Director of Citizen Science
Heliophysics Education Consortium
Heliophysics Division
Code 672.4
Goddard Spaceflight Center
Greenbelt, MD

1932. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-24 13:39:54 UTC
From: David Iadevaia
Topic: 1919 Message: 1932

Hi Tushar,

Thanks for the offer but I have all the help I need.

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Sat, 6/24/17, Tushar Sharma sharma.tushar17@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID
To: Super_SID@yahoogroups.com
Date: Saturday, June 24, 2017, 12:00 AM

Hello David

I am
interested in helping and assisting you. Why not let's
talk or meet sometime if possible
Tushar
On Jun 23, 2017 4:43 PM,
"David Iadevaia kf7mzy@...
[Super_SID]" <Super_SID@yahoogroups.com>
wrote:

Hello Tushar,

I am collecting VLF data for analysis. One of my team
members will be imaging the corona. I will also be support
for the high altitude balloon imaging and video of the
Moon's shadow. The night before the eclipse I will be
giving a lecture and during the day of the eclipse I will be
streaming live video to my grandchildrens' schools in
Arizona as well as in situ video display of the partial
phase before totality...and of course answering questions
about the various experiments. The blog lists pretty much
what I'll be doing. I'll be busy. :-)

David

David Iadevaia

KF7MZY

www.davidiadevaia.com

Tucson, AZ Grid Square: DM42

---------- ----------

On Fri, 6/23/17, Tushar Sharma sharma.tushar17@...
[Super_SID] <Super_SID@yahoogroups.com>
wrote:

Subject: Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

To: Super_SID@yahoogroups.com

Date: Friday, June 23, 2017, 4:09 PM

Hello David

I am recently moved to Chandler. I

am a PhD candidate at University of Calgary. Are you

planning any new experiments?

Tushar

On Jun 23, 2017 11:01 AM,

"David Iadevaia kf7mzy@...

[Super_SID]" <Super_SID@yahoogroups.com>

wrote:

Add me.

http://

papasgreatamericaneclipseexped ition.blogspot.com/

David

David Iadevaia

KF7MZY

www.davidiadevaia.com

Tucson, AZ Grid Square: DM42

---------- ----------

On Fri, 6/23/17, Deborah Scherrer dscherrer@...

[Super_SID] <Super_SID@yahoogroups.com>

wrote:

Subject: [Super_SID] Fwd: Eclipse 2017 and SuperSID

To: "Super_SID@yahoogroups.com"

<Super_SID@yahoogroups.com>

Date: Friday, June 23, 2017, 8:39 AM

Anyone want to be added to NASA's list?

Debbie

-------- Forwarded Message --------

Subject:

Eclipse 2017

and SuperSIDDate: Fri, 23 Jun 2017 14:56:07

+0000From: Odenwald, Sten F. (GSFC-672.0)[NATIONAL

INSTITUTE OF

AEROSPACE] <sten.f.odenwald@...>To:

Deborah Scherrer <dscherrer@...>

CC: Deborah Scherrer <dscherrer@...>

Hi Deborah!!

I am adding projects to the NASA Citizen

Science page for

the August solar eclipse.

Will any of the SID monitors be monitoring

during the

eclipse? I would like to include your CS

project

in our list

of so!

https://eclipse2017.nasa.gov/

citizen-science

Sten

++++++++++++++++++++++++

Dr. Sten

Odenwald

Director of Citizen

Science

Heliophysics Education

Consortium

Heliophysics

Division

Code 672.4

Goddard Spaceflight

Center

Greenbelt,

MD

1933. Re: Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-24 18:03:48 UTC
From: drsaguirre@...
Topic: 1919 Message: 1933

Hi Deborah.

Please , I Have interest in add mi SID Station to NASA list.

Salvador Aguirre
AGUSA3 0415

thanks in advance.

salvador
mexico

1934. Re: [Super_SID] Fwd: Eclipse 2017 and SuperSID

Yahoo group: Super_SID
Date: 2017-06-29 04:19:10 UTC
From: NUR AIN ZAKARIA
Topic: 1919 Message: 1934

Yes Please,I am from MalaysiaCapturing frequency 19.8kHz and 19.2 kHz Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

On Friday, June 23, 2017 11:40 PM, "Deborah Scherrer dscherrer@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

  Anyone want to be added to NASA's list?
Debbie

-------- Forwarded Message --------
Subject:	Eclipse 2017 and SuperSID
Date:	Fri, 23 Jun 2017 14:56:07 +0000
From:	Odenwald, Sten F. (GSFC-672.0)[NATIONAL INSTITUTE OF AEROSPACE] <sten.f.odenwald@nasa.gov>
To:	Deborah Scherrer <dscherrer@...>
CC:	Deborah Scherrer <dscherrer@...>

Hi Deborah!! I am adding projects to the NASA Citizen Science page for the August solar eclipse. Will any of the SID monitors be monitoring during the eclipse? I would like to include your CS project in our list of so! https://eclipse2017.nasa.gov/citizen-science
  Sten ++++++++++++++++++++++++++ Dr. Sten Odenwald Director of Citizen Science Heliophysics Education Consortium Heliophysics Division Code 672.4 Goddard Spaceflight Center Greenbelt, MD

1935. Re: SID on way

Yahoo group: Super_SID
Date: 2017-06-29 09:46:48 UTC
From: dave.roesimons625@...
Topic: 1912 Message: 1935

Arrived today. Crew are fighting over the posters.

I'm attempting installation now.

Will keep you posted.

Regards Dave.

1936. 2017/07/08 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C3.4.

Yahoo group: Super_SID
Date: 2017-07-09 16:03:05 UTC
From: drsaguirre@...
Topic: 1936 Message: 1936

2017/07/08 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C3.4.

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event:C3.4

Date:2017/07/08 UT
Time: 23:50-23:59 Hrs UT

Site: 29.10 N , -110.96

AAVSO Importance : 1-.

Solar Active Region: 2665..

SID`s Images here: Spanish (please use Translator)...

https://goo.gl/sxqfZD https://goo.gl/sxqfZD

regards

Salvador Aguirre
SARA/AAVSO.

Son, Mex.

1937. Solar flare of Jul 3, 2017

Yahoo group: Super_SID
Date: 2017-07-09 17:15:18 UTC
From: ciprian@...
Topic: 1937 Message: 1937

Does anyone have a good explanation what triggered the solar flare of 3-Jul-2017 @ 1615Z?
The class of the flare was M1.3.
At that time the Sun was blank, no sunspots.

Thanks,
Chip

1938. Re: [Super_SID] Solar flare of Jul 3, 2017

Yahoo group: Super_SID
Date: 2017-07-10 17:22:59 UTC
From: David Iadevaia
Topic: 1937 Message: 1938
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Chip,

This group might have been the cause. Taken today through high clouds, white light filter 300mm. Seven days ago it would have been near the limb.

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Sun, 7/9/17, ciprian@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: [Super_SID] Solar flare of Jul 3, 2017
To: Super_SID@yahoogroups.com
Date: Sunday, July 9, 2017, 10:15 AM

Does anyone have a good explanation what
triggered the solar flare of 3-Jul-2017 @ 1615Z? The class
of the flare was M1.3.
At that time the Sun
was blank, no sunspots.

Thanks,
Chip

1939. 2017/07/11 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C1.2.

Yahoo group: Super_SID
Date: 2017-07-12 13:09:47 UTC
From: drsaguirre@...
Topic: 1939 Message: 1939

2017/07/11 UT : Sudden Ionosphere Disturbance (SID) for Solar eruption ,C1.2.

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event:C1.2

Date:2017/07/11 UT
Time: 20:25-20:40 Hrs UT

Site: 29.10 N , -110.96

AAVSO Importance : 1-.

Solar Active Region: 2665..

SID`s Images here: Spanish (please use Translator)...

https://goo.gl/c23y8t https://goo.gl/c23y8t

regards

Salvador Aguirre
SARA/AAVSO.

Son, Mex.

1940. 2017/07/13 UT : Sudden Ionosphere Disturbance (SID) by Solar eruption : C8.4,C2.0, C5.9, y C3.0.

Yahoo group: Super_SID
Date: 2017-07-14 13:13:06 UTC
From: drsaguirre@...
Topic: 1940 Message: 1940

2017/07/13 UT : Sudden Ionosphere Disturbance (SID) by Solar eruption : C8.4,C2.0, C5.9, y C3.0.

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event: C8.4,C2.0, C5.9, y C3.0

Date:2017/07/13 UT
Time: 20:10-24:00 Hrs UT

Site: 29.10 N , -110.96

AAVSO Importance : 2+,1,2,1.

Solar Active Region: ??

SID`s Images here: Spanish (please use Translator)...

https://goo.gl/vkBUUA https://goo.gl/vkBUUA

regards

Salvador Aguirre
SARA/AAVSO.

Son, Mex.

1941. 2017/07/14 UT : Sudden Ionosphere Disturbance (SID) by Solar eruption : C1.4.

Yahoo group: Super_SID
Date: 2017-07-15 14:11:03 UTC
From: drsaguirre@...
Topic: 1941 Message: 1941

2017/07/14 UT : Sudden Ionosphere Disturbance (SID) by Solar eruption : C1.4.

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event: C1.4

Date:2017/07/14 UT
Time: 19:25-19:40 Hrs UT

Site: 29.10 N , -110.96

AAVSO Importance : 1-.(AAVSO)

Solar Active Region: 2665.

SID`s Images here: Spanish (please use Translator)...

regards

Salvador Aguirre
AAVSO A138.
Stanford Solar Center. AGUSA3.0415.

Son, Mex.

1942. 2017/07/15 UT : Sudden Ionosphere Disturbance (SID) by Solar eruption : C5.8

Yahoo group: Super_SID
Date: 2017-07-16 12:30:00 UTC
From: drsaguirre@...
Topic: 1942 Message: 1942

2017/07/15 UT : Sudden Ionosphere Disturbance (SID) by Solar eruption : C5.8

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event: C5.8

Date:2017/07/15 UT
Time: 19:32-20:10 Hrs UT

Site: 29.10 N , -110.96

AAVSO Importance : 2.(AAVSO)

Solar Active Region: 2665.

SID`s Images here: Spanish (please use Translator)...

https://goo.gl/EhfEit https://goo.gl/EhfEit

regards

Salvador Aguirre
AAVSO A138.
Stanford Solar Center. AGUSA3.0415.

Son, Mex.

1943. Eclipse Data

Yahoo group: Super_SID
Date: 2017-08-03 01:43:24 UTC
From: kf7mzy@...
Topic: 1943 Message: 1943

I have completed a one month test of the antenna, computer and SuperSID receiver that I will use during the eclipse on 21 August. It is now packed. My base camp will be in Douglas, WY on the center line. I will set up the equipment the day before the eclipse and collect data the day before, the day of and the day after the eclipse. I will upload the data at 0000 UTC each day to the archive.

David

1944. Re: [Super_SID] Eclipse Data

Yahoo group: Super_SID
Date: 2017-08-03 01:52:58 UTC
From: galenow
Topic: 1943 Message: 1944

You rock sir!
My students are working on the system here in ABQ, NM!
Cheers
Don
Former Wyo

Message from ILL unit #2

> On Aug 2, 2017, at 19:43, kf7mzy@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> I have completed a one month test of the antenna, computer and SuperSID receiver that I will use during the eclipse on 21 August. It is now packed. My base camp will be in Douglas, WY on the center line. I will set up the equipment the day before the eclipse and collect data the day before, the day of and the day after the eclipse. I will upload the data at 0000 UTC each day to the archive.
>
>
>
> David
>
>

1945. Re: [Super_SID] Eclipse Data

Yahoo group: Super_SID
Date: 2017-08-03 16:24:23 UTC
From: David Iadevaia
Topic: 1943 Message: 1945

Thanks, Don. We'll have to compare data after the eclipse.

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Wed, 8/2/17, galenow galenow@gmail.com [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: Re: [Super_SID] Eclipse Data
To: Super_SID@yahoogroups.com
Date: Wednesday, August 2, 2017, 6:52 PM

You rock sir!My students are working
on the system here in ABQ, NM!CheersDonFormer Wyo

Message from ILL unit
#2
On Aug 2,
2017, at 19:43, kf7mzy@...
[Super_SID] <Super_SID@yahoogroups.com>
wrote:

I have completed a one month test of
the antenna, computer and SuperSID receiver that I will use
during the eclipse on 21 August. It is now packed. My base
camp will be in Douglas, WY on the center line. I will set
up the equipment the day before the eclipse and collect data
the day before, the day of and the day after the eclipse. I
will upload the data at 0000 UTC each day to the
archive.
David

1946. Plotting and Time Problem

Yahoo group: Super_SID
Date: 2017-08-04 20:56:34 UTC
From: judah.luberto@...
Topic: 1946 Message: 1946
Attachments: 2 described; binary payloads are missing from this source WARC

Hi all,

I recently obtained a SuperSID and built the antenna. Through the real time data display (as seen attached under supersid_2017-08-01_22-03-11), it appeared the SuperSID was working correctly. However, when I tried to plot the data after the days end, the plot did not appear right. This same problem occurred when I tried to plot the preloaded data given from 2009 (the attachment supersid_2017-08-02_18-57-32). When compared to other plotted data, this is not correct. Does anybody have any idea what the problem is? At first, I thought the problem was due to the location of the device, but when I could not plot the data from 2009, I knew location was not the problem.

Also, the data is not sent out right before midnight for me, but right before 5:00 pm. In the config folder, the time zone is set to -8:00 UTC when I am in Pacific Standard Time. I can screenshot the time zone section of the folder if anybody would want to see it?

Does anybody know any solutions to these problems?

Thank you,
Judah

1947. Plot and Time Problems

Yahoo group: Super_SID
Date: 2017-08-04 21:24:13 UTC
From: judah.luberto@...
Topic: 1947 Message: 1947
Attachments: 2 described; binary payloads are missing from this source WARC

Hi all,

I recently obtained a SuperSID and constructed the antenna. I was receiving data real time (as seen in the first attachment), but could not correctly plot the data. At first I though it was the location, but I could not plot the preloaded data from 2009 either. Both the data I received and the preloaded data appear in the same way seen in the second attachment. Does anybody have any idea why this is? I would think it has to do with the software, but am not sure.

Also, the data received through the SuperSID comes in right before 5:00 pm, not midnight. In the config folder, the time zone to -8:00 UTC, but the time I receive the data at does not change.

Is there a solution to these problems anybody knows of?

Thank you,
Judah

1948. SuperSID Software can't find cfg file (I promise its there)

Yahoo group: Super_SID
Date: 2017-08-04 22:45:30 UTC
From: ttis3.14@...
Topic: 1948 Message: 1948

Hello World,
I'm hoping someone can figure out what I'm doing wrong here:
I have installed the software that came with my SuperSID thingy on two PCs now (desktop with 96khz card, and Laptop with 48khz) both running Windows 10 with the latest update/SP. I tried initially installing, in both cases, in C:\SuperSid (as recommended by the installer and manual) and then tried installing on the laptop in the ..\Documents\SuperSID, and in all cases, I had the same result: Starting the program before editing the config file returns something like you must enter a valid email, and after editing the config file, whenever I double-click the desktop shortcut, try in the start menu, or even try the .exe file directly, it appears for a fraction of a second (usually a black window with normal frame (top bar, X, etc) around it, as if a command line program has been initiated) and then it closes before I even have time to see what happened (I'll link some videos below). I then tried running as administrator in multiple different ways, and oddly the only way to get anything to happen at all is by selecting application tools>manage>run as administrator on the top bar of windows explorer on the supersid.exe file. It then says "could not locate config file: supersid.cfg" (even though the file is obviously in the folder).
You can find the copy/pasted SuperSID program files as well as screen-cap videos of my attempts here:
https://drive.google.com/open?id=0ByPE60ruBwoVZEtlRlBwSGFPbmM
https://drive.google.com/open?id=0ByPE60ruBwoVZEtlRlBwSGFPbmM
Any help would be greatly appreciated. I'm looking to eventually install the SuperSID on a continuously running raspberry pi so if this can't be made to work I might have to skip right to that step, but I would really like to get the desktop to work as it has a 96 khz card and I can leave it on for long periods of time.

Thanks,
Matt, WW6TTT

1949. Re: [Super_SID] Plot and Time Problems [2 Attachments]

Yahoo group: Super_SID
Date: 2017-08-07 17:05:45 UTC
From: John Purdy
Topic: 1947 Message: 1949

Judah

I'm not sure of the first problem but the SID data is retrieved from the contributing stations (as set in the config file) at midnight UTC (00:00 UTC) which is 5:00 PM PDT. I'm also on PDT here)

John Purdy

On 04/08/2017 21:24, judah.luberto@... [Super_SID] wrote:
> [Attachment(s) <#TopText> from judah.luberto@... included below]
>
> Hi all,
>
>
> I recently obtained a SuperSID and constructed the antenna. I was
> receiving data real time (as seen in the first attachment), but could
> not correctly plot the data. At first I though it was the location,
> but I could not plot the preloaded data from 2009 either. Both the
> data I received and the preloaded data appear in the same way seen in
> the second attachment. Does anybody have any idea why this is? I would
> think it has to do with the software, but am not sure.
>
>
> Also, the data received through the SuperSID comes in right before
> 5:00 pm, not midnight. In the config folder, the time zone to -8:00
> UTC, but the time I receive the data at does not change.
>
>
> Is there a solution to these problems anybody knows of?
>
>
> Thank you,
>
> Judah
>
>
>
> <http://www.avg.com/email-signature?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>
> Virus-free. www.avg.com
> <http://www.avg.com/email-signature?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>
>
>
> <#DAB4FAD8-2DD7-40BB-A1B8-4E2AA1F9FDF2>

1950. Re: [Super_SID] SuperSID Software can't find cfg file (I promise its there)

Yahoo group: Super_SID
Date: 2017-08-07 17:26:10 UTC
From: Jaap Akkerhuis
Topic: 1948 Message: 1950

> On Aug 5, 2017, at 0:45, ttis3.14@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> I'm hoping someone can figure out what I'm doing wrong here:
>

For starters, you seem to have longitude and latitude mixed up.

jaap

1951. Re: [Super_SID] Plot and Time Problems [2 Attachments]

Yahoo group: Super_SID
Date: 2017-08-07 18:41:40 UTC
From: judah.luberto@...
Topic: 1947 Message: 1951

Thanks John!

I guess I was under the assumption that entering in the time zone would switch when the SuperSID data is gathered.

Judah

1952. Re: [Super_SID] Unusual Power Spectrum Density [2 Attachments]

Yahoo group: Super_SID
Date: 2017-08-07 18:43:27 UTC
From: starsandwings99@...
Topic: 1902 Message: 1952

Hello, I'm having the same problem with setup:
The computer soundcard is the normal 48 kHz, and I plugged in a USB soundcard that claims to be 96 kHz but the power spectrum still cuts off just above 22 kHz.
Is there some sort of setting to adjust to make the computer recognize the 96 kHz soundcard? The older computer that I have set up with the SID is Windows 7 but I tried my newer computer with Windows 10, and same problem, and I can't see any settings to adjust to get the 96 kHz soundcard working.
(I'm replying to this older message because it might be a typical problem that people have with startup.)

Thanks for any possible advice,
Frank

---In Super_SID@yahoogroups.com, <steveberl@...> wrote :

Check sound card sampling rate. It should be set to 96ksps

Steve

On Sat, May 27, 2017 at 8:24 AM aprilsaccuan@... mailto:aprilsaccuan@... [Super_SID] <Super_SID@yahoogroups.com mailto:Super_SID@yahoogroups.com> wrote:

[Attachment(s) #m_-680767431975089948_TopText from aprilsaccuan@... mailto:aprilsaccuan@... included below] Hi all.

I have recently setup a SuperSID monitor in Manila, Philippines for our research. I am using the version 3 that came from Stanford and made the antenna from PVC (attached). I have attached also a power spectrum density that the monitor is receiving but we think we are getting unusual results since there are no defined peaks as based from the sample plot from the manual and the power spectrum density drops rapidly starting from around 24kHz.

Has anybody encountered similar scenario like this? How can we improve our setup? Hoping for your kind assistance. Thank you very much.

-April Saccuan

--

-steve

1953. 10th anniversary of IHY

Yahoo group: Super_SID
Date: 2017-08-07 20:12:45 UTC
From: Deborah Scherrer
Topic: 1953 Message: 1953

I just returned from a United Nations/USA International Space Weather Initiative (ISWI) workshop in Boston.This was held to commemorate the 10th anniversary of the IHY.150 folks from 50 countries.I gave a talk and poster on the SID project (including SuperSID), and represented the SIDs on a panel about instrument distribution through ISWI.

In case you are curious, Stanford & SARA have distributed about 1077 instruments to 80 countries.The SID distribution was larger than all the other instruments put together.There was continued tremendous interest in SIDs from the attendees, mostly in developing nations.Very exciting!

Thought you all should know, and be proud of your accomplishments!

Debbie

1954. Re: 10th anniversary of IHY

Yahoo group: Super_SID
Date: 2017-08-07 20:13:57 UTC
From: Deborah Scherrer
Topic: 1953 Message: 1954

Follow-up to my last post: If you are interested in the ISWI program,
of which the SuperSIDs are a part, here is there website:
http://www.iswi-secretariat.org/

Debbie

On 8/7/17 1:12 PM, Deborah Scherrer wrote:
>
> I just returned from a United Nations/USA International Space Weather
> Initiative (ISWI) workshop in Boston.This was held to commemorate the
> 10th anniversary of the IHY.150 folks from 50 countries.I gave a talk
> and poster on the SID project (including SuperSID), and represented
> the SIDs on a panel about instrument distribution through ISWI.
>
> In case you are curious, Stanford & SARA have distributed about 1077
> instruments to 80 countries.The SID distribution was larger than all
> the other instruments put together.There was continued tremendous
> interest in SIDs from the attendees, mostly in developing nations.Very
> exciting!
>
> Thought you all should know, and be proud of your accomplishments!
>
> Debbie
>

1955. SuperSID on a Raspberry Pi

Yahoo group: Super_SID
Date: 2017-08-07 20:21:23 UTC
From: Deborah Scherrer
Topic: 1955 Message: 1955
Attachments: 1 described; binary payloads are missing from this source WARC

My friend and colleague Mardina Abdullah, of ANGKASA - the national space agency of Malaysia, has both ported the SuperSID to a Raspberry Pi and also redesigned the SuperSID instrument into a small double layer PCB so that it could be easily connected to a USB external sound card and the Raspberry Pi.

She and her team developed the extra software modules needed for the Rasberry Pi and she evidently also has a nice graphical interface.All her code is open source, mostly in Python, and freely available at:

https://github.com/ericgibert/supersid

Her system uses a lot less power than the existing SuperSIDs, is a lot smaller, and does not require an additional dedicated computer.One only needs to add the monitor, keyboard, and mouse.She claims the cost to produce is about $30.

A copy of her paper is attached, including images of her system.

This sounds like an awesome, so to speak, improvement to the SuperSIDs, and one that SARA and you might want to look into.

Debbie

1956. RE: [Super_SID] SuperSID on a Raspberry Pi [1 Attachment]

Yahoo group: Super_SID
Date: 2017-08-07 20:38:50 UTC
From: Ciprian Sufitchi
Topic: 1955 Message: 1956

Has anyone figured out a way to use Raspberry Pi with a capable sound card to sample at 96 kHz and use Eric’s SuperSID software? That limitation prevents people from US/Canada to use SUperSID on Raspberry Pi as the available signals are generally above 44/2 = 22 kHz.

Thanks,

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Monday, August 7, 2017 4:21 PM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] SuperSID on a Raspberry Pi [1 Attachment]

[Attachment(s) from Deborah Scherrer included below]

My friend and colleague Mardina Abdullah, of ANGKASA - the national space agency of Malaysia, has both ported the SuperSID to a Raspberry Pi and also redesigned the SuperSID instrument into a small double layer PCB so that it could be easily connected to a USB external sound card and the Raspberry Pi.

She and her team developed the extra software modules needed for the Rasberry Pi and she evidently also has a nice graphical interface. All her code is open source, mostly in Python, and freely available at:

<https://github.com/ericgibert/supersid> https://github.com/ericgibert/supersid

Her system uses a lot less power than the existing SuperSIDs, is a lot smaller, and does not require an additional dedicated computer. One only needs to add the monitor, keyboard, and mouse. She claims the cost to produce is about $30.

A copy of her paper is attached, including images of her system.

This sounds like an awesome, so to speak, improvement to the SuperSIDs, and one that SARA and you might want to look into.

Debbie

1957. Re: [Super_SID] Unusual Power Spectrum Density

Yahoo group: Super_SID
Date: 2017-08-08 01:07:21 UTC
From: ap_guardian@yahoo.com
Topic: 1902 Message: 1957

Some sound cards are 96 khz stereo.
You need a sound card that can do 96 khz in Mono.

Also, look to see that the 96 khz is set as your default.
M
Sent from Yahoo Mail on Android

On Mon, Aug 7, 2017 at 1:52 PM, starsandwings99@... [Super_SID]<Super_SID@yahoogroups.com> wrote:
Hello,
I'm having the same problem with setup:The computer soundcard is the normal 48 kHz, and I plugged in a USB soundcard that claims to be 96 kHz but the power spectrum still cuts off just above 22 kHz.Is there some sort of setting to adjust to make the computer recognize the 96 kHz soundcard? The older computer that I have set up with the SID is Windows 7 but I tried my newer computer with Windows 10, and same problem, and I can't see any settings to adjust to get the 96 kHz soundcard working.(I'm replying to this older message because it might be a typical problem that people have with startup.)
Thanks for any possible advice,Frank

---In Super_SID@yahoogroups.com, <steveberl@...> wrote :

Check sound card sampling rate. It should be set to 96ksps
Steve

On Sat, May 27, 2017 at 8:24 AM aprilsaccuan@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

 [Attachment(s) from aprilsaccuan@... included below]
Hi all.

I have recently setup a SuperSID monitor in Manila, Philippines for our research. I am using the version 3 that came from Stanford and made the antenna from PVC (attached). I have attached also a power spectrum density that the monitor is receiving but we think we are getting unusual results since there are no defined peaks as based from the sample plot from the manual and the power spectrum density drops rapidly starting from around 24kHz.

Has anybody encountered similar scenario like this? How can we improve our setup? Hoping for your kind assistance. Thank you very much.

-April Saccuan

--
-steve

1958. Re: [Super_SID] Plot and Time Problems

Yahoo group: Super_SID
Date: 2017-08-08 00:42:34 UTC
From: NUR AIN ZAKARIA
Topic: 1947 Message: 1958
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Judah,You are capturing frequency from what station, because based on your second graph seems that your system did not work properly to capture signal.Attached is my spectrum analyzer capturing frequency from India(VTX4) and Australia(NWC). Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

On Tuesday, August 8, 2017 2:46 AM, "judah.luberto@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

  Thanks John!

I guess I was under the assumption that entering in the time zone would switch when the SuperSID data is gathered.
Judah

1959. Re: Plot and Time Problems

Yahoo group: Super_SID
Date: 2017-08-08 03:15:03 UTC
From: judah.luberto@...
Topic: 1947 Message: 1959
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks for the reply.

At first I also thought the problem has to do with the SuperSID itself. However, the graph shown is one of the example graphs through the software (I attached what I am talking about). Those graphs are used with the manual. Because it is an example graph, it would seem it should plot correctly. However, it does not seem it has, and looks like it is a software problem.

Judah

1960. Fwd:

Yahoo group: Super_SID
Date: 2017-08-08 07:49:14 UTC
From: Divyadarshan Purohit
Topic: 188 Message: 1960
Attachments: 5 described; binary payloads are missing from this source WARC

Dear Friends,
Partial Lunar Eclipse from Gurudev Observatory, Shri Gayatri Pragyapith,karelibag,Vadodara , India on Monday, *Shravani Poonam, *7th August 2017 from 10:50 to 11:30 PM.IST.

https://youtu.be/_6CGXBxBmGs

https://youtu.be/oGkOeKl7bYI

Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
http://www.gurudevobservatory.co.in/

[image: flickr] <https://www.flickr.com/photos/gurudevobservatory/sets/> [image: twitter] <https://twitter.com/ddpurohit/> [image: facebook] <https://www.facebook.com/divyadarshan.purohit/> [image: youtube] <https://www.youtube.com/c/DivyadarshanPurohit> [image: googleplus] <https://plus.google.com/+DivyadarshanPurohit> [image: blogspot] <http://vayamrastrejagruyampurohita.blogspot.in/> [image: tumblr] <http://www.gurudevobservatory.tumblr.com/>

1961. Re: [Super_SID] Flare Events no longer available

Yahoo group: Super_SID
Date: 2017-08-08 22:27:54 UTC
From: Deborah Scherrer
Topic: 1833 Message: 1961

Sorry for the delay... SWPC gratuitously moved all its files a while
ago. You can now pick up the events from these sites:
Current events -
http://www.swpc.noaa.gov/products/solar-and-geophysical-event-reports
Archived events - ftp://ftp.swpc.noaa.gov/pub/warehouse

Debbie

On 4/10/17 2:46 AM, jpbolengo@... [Super_SID] wrote:
>
> Hello
> Does anyone know where the following link has been moved?
> http://www.swpc.noaa.gov/ftpdir/indices/events/(date)events.txt
>
> Thanks for your help
> Jean-Pierre
>
>
>

1962. Fwd: Re: Fwd: [Super_SID] Solar flare of Jul 3, 2017

Yahoo group: Super_SID
Date: 2017-08-09 01:05:08 UTC
From: Deborah Scherrer
Topic: 1962 Message: 1962
Attachments: 1 described; binary payloads are missing from this source WARC

This is quite a bit late. My husband Phil had answered your question,
but I hadn't realized that he wasn't allowed to send email to the
group. So I am, ah, finally forwarding it.

Debbie

-------- Forwarded Message --------
Subject: Re: Fwd: [Super_SID] Solar flare of Jul 3, 2017
Date: Sun, 9 Jul 2017 13:53:31 -0700
From: Phil Scherrer <pscherrer@...>
Reply-To: pscherrer@...
To: Deborah Scherrer <dscherrer@...>,
Super_SID@yahoogroups.com

see attached. NOAA 12664 on the west limb.

Use Lockheed's Sun Today page, select the date, then in the list on left,
first clear, then check the flare box, then the Search button.
zoom and move sun image with mouse, click on flare icon for details,
or click on list on the right of all reported events for that day matching
the search criteria.

On 7/9/2017 10:41 AM, Deborah Scherrer wrote:
> Can you answer this?
> D
>
>
> -------- Forwarded Message --------
> Subject: [Super_SID] Solar flare of Jul 3, 2017
> Date: 09 Jul 2017 17:15:18 +0000
> From: ciprian@... [Super_SID] <Super_SID@yahoogroups.com>
> Reply-To: Super_SID@yahoogroups.com
> To: Super_SID@yahoogroups.com
>
>
>
> Does anyone have a good explanation what triggered the solar flare of 3-Jul-2017 @ 1615Z?
The class of the flare was M1.3.
> At that time the Sun was blank, no sunspots.
>
> Thanks,
> Chip
>
>
>

1963. world map of SIDs & SuperSIDs

Yahoo group: Super_SID
Date: 2017-08-09 22:08:35 UTC
From: Deborah Scherrer
Topic: 1963 Message: 1963
Attachments: 1 described; binary payloads are missing from this source WARC

Thought you all might enjoy the attached map. It includes countries
where SIDs and SuperSIDs have been distributed.
1078 instruments
82 countries
7 continents

Debbie

1964. Fwd: National Geographic Shark Research

Yahoo group: Super_SID
Date: 2017-08-09 23:10:05 UTC
From: Deborah Scherrer
Topic: 1964 Message: 1964

Has anyone heard of research linking shark behavior with changes in the ionosphere???
Debbie

-------- Forwarded Message --------
Subject: National Geographic Shark Research
Date: Wed, 9 Aug 2017 22:51:27 +0000
From: CJ Ferroni <cj.ferroni@...>
To: dscherrer@... <dscherrer@...>

Hello Ms. Scherrer,

My name is CJ Ferroni and I am the Associate Producer for season 4 of National Geographic?s /When Sharks Attack/. We are a science-based show and we focus on ?spikes? in annual shark encounter statistics in specific regions. We film with scientists and experts who perform experiments that prove and disprove theories as to why there are a significant amount of shark encounters in a given year, compared to other years.

I am researching a statistical spike in 2004 in Northern California, and was hoping I could get in contact with you, or perhaps you could refer me to a colleague, regarding a possible relationship between shark behavior and changes in the ionosphere.

Please let me know if you are free to chat sometime soon!

Best,

CJ Ferroni

914-494-7377

1965. eclipse coronal shape prediction

Yahoo group: Super_SID
Date: 2017-08-10 01:27:56 UTC
From: Deborah Scherrer
Topic: 1965 Message: 1965
Attachments: 1 described; binary payloads are missing from this source WARC

Some solar scientist colleagues of ours have done a prediction of the coronal shape for the eclipse. If you want the technical description, see: http://www.predsci.com/corona/aug2017eclipse/aug2017eclipse.html

Since the technical description is a little, ah, terse, the Astronomers Without Borders group asked me to rewrite it in English, especially targeting teachers. I have done that, and the result is attached.

Hope some of you enjoy this!
Debbie

1966. Re: [Super_SID] eclipse coronal shape prediction [1 Attachment]

Yahoo group: Super_SID
Date: 2017-08-10 01:54:48 UTC
From: David Iadevaia
Topic: 1966 Message: 1966

Thank you Deb.

David

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Wed, 8/9/17, Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: [Super_SID] eclipse coronal shape prediction [1 Attachment]
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Date: Wednesday, August 9, 2017, 6:27 PM

[Attachment(s) from Deborah Scherrer
included below]

Some solar scientist colleagues of ours have done a
prediction of
the coronal shape for the eclipse. If you want the
technical
description, see:

http://www.predsci.com/corona/aug2017eclipse/aug2017eclipse.html

Since the technical description is a little, ah, terse,
the
Astronomers Without Borders group asked me to rewrite it
in English,
especially targeting teachers. I have done that, and the
result is
attached.

Hope some of you enjoy this!

Debbie

1967. Re: [Super_SID] eclipse coronal shape prediction [1 Attachment]

Yahoo group: Super_SID
Date: 2017-08-10 02:25:11 UTC
From: galenow
Topic: 1965 Message: 1967

Thanks
I'm giving it to our staff tomorrow

Message from ILL unit #2

> On Aug 9, 2017, at 19:27, Deborah Scherrer dscherrer@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:
>
> [Attachment(s) from Deborah Scherrer included below]
> Some solar scientist colleagues of ours have done a prediction of the coronal shape for the eclipse. If you want the technical description, see:
> http://www.predsci.com/corona/aug2017eclipse/aug2017eclipse.html
>
> Since the technical description is a little, ah, terse, the Astronomers Without Borders group asked me to rewrite it in English, especially targeting teachers. I have done that, and the result is attached.
>
> Hope some of you enjoy this!
> Debbie
>

1968. Re: [Super_SID] SuperSID on a Raspberry Pi [1 Attachment]

Yahoo group: Super_SID
Date: 2017-08-12 10:24:57 UTC
From: John Cowlbeck
Topic: 1955 Message: 1968

DebbieThis could be the answer to setting up a remote site on my mountain top.Can you send me her contact information? John

Be kinder than necessary, for everyone you meet is fighting some kind of battle!

JohnCowlbeck@...

540-586-8042 Home
540-871-0636 Cell

From: "Deborah Scherrer dscherrer@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Sent: Monday, August 7, 2017 4:21 PM
Subject: [Super_SID] SuperSID on a Raspberry Pi [1 Attachment]

[Attachment(s) from Deborah Scherrer included below] My friend and colleague Mardina Abdullah, of ANGKASA - the national space agency of Malaysia, has both ported the SuperSID to a Raspberry Pi and also redesigned the SuperSID instrument into a small double layer PCB so that it could be easily connected to a USB external sound card and the Raspberry Pi. She and her team developed the extra software modules needed for the Rasberry Pi and she evidently also has a nice graphical interface. All her code is open source, mostly in Python, and freely available at: https://github.com/ericgibert/supersid Her system uses a lot less power than the existing SuperSIDs, is a lot smaller, and does not require an additional dedicated computer. One only needs to add the monitor, keyboard, and mouse. She claims the cost to produce is about $30. A copy of her paper is attached, including images of her system. This sounds like an awesome, so to speak, improvement to the SuperSIDs, and one that SARA and you might want to look into. Debbie

1969. Re: [Super_SID] SuperSID on a Raspberry Pi

Yahoo group: Super_SID
Date: 2017-08-12 10:31:01 UTC
From: Eric Gibert
Topic: 1955 Message: 1969

Dear all,
I moved to Shanghai and so I had to leave behind my Singaporian setup and antennas. I am thus less active but if some software support on the Linux/RPI version is necessary, please let me know and I will try to help.

Best regards,
Eric

De : "John Cowlbeck johncowlbeck@yahoo.com [Super_SID]" <Super_SID@yahoogroups.com>
À : "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
Envoyé le : Samedi 12 août 2017 18h25
Objet : Re: [Super_SID] SuperSID on a Raspberry Pi

DebbieThis could be the answer to setting up a remote site on my mountain top.Can you send me her contact information? John

Be kinder than necessary, for everyone you meet is fighting some kind of battle!

JohnCowlbeck@...

540-586-8042 Home
540-871-0636 Cell

From: "Deborah Scherrer dscherrer@... [Super_SID]" <Super_SID@yahoogroups.com>
To: "Super_SID@yahoogroups.com" <Super_SID@...m>
Sent: Monday, August 7, 2017 4:21 PM
Subject: [Super_SID] SuperSID on a Raspberry Pi [1 Attachment]

[Attachment(s) from Deborah Scherrer included below] My friend and colleague Mardina Abdullah, of ANGKASA - the national space agency of Malaysia, has both ported the SuperSID to a Raspberry Pi and also redesigned the SuperSID instrument into a small double layer PCB so that it could be easily connected to a USB external sound card and the Raspberry Pi. She and her team developed the extra software modules needed for the Rasberry Pi and she evidently also has a nice graphical interface. All her code is open source, mostly in Python, and freely available at: https://github.com/ericgibert/supersid Her system uses a lot less power than the existing SuperSIDs, is a lot smaller, and does not require an additional dedicated computer. One only needs to add the monitor, keyboard, and mouse. She claims the cost to produce is about $30. A copy of her paper is attached, including images of her system. This sounds like an awesome, so to speak, improvement to the SuperSIDs, and one that SARA and you might want to look into. Debbie

1970. Re: [Super_SID] SuperSID on a Raspberry Pi

Yahoo group: Super_SID
Date: 2017-08-12 17:37:04 UTC
From: Deborah Scherrer
Topic: 1955 Message: 1970

The professor in Malaysia is Mardina Abdullah. I've copied her above
though if she is not a member of this group she will not be able to reply.

The only catch with the Raspberry Pi port is that it's limited to
receiving transmitters 22 kHz or less. According to Jaap, that is a
constant in the code somewhere, so it may be changable since the
soundcards can handle much more.

And Eric, thanks for the offer of help. Seems this group ought to be
able to come up with a really nice RPI port!

Deborah

On 8/12/17 3:24 AM, John Cowlbeck johncowlbeck@... [Super_SID] wrote:
> Debbie
> This could be the answer to setting up a remote site on my mountain top.
> Can you send me her contact information?
> John
>
> Be kinder than necessary, for everyone you meet is fighting some kind
> of battle!
>
> JohnCowlbeck@...
>
> 540-586-8042 Home
> 540-871-0636 Cell
>
>
> ---
> *From:* "Deborah Scherrer dscherrer@... [Super_SID]"
> <Super_SID@yahoogroups.com>
> *To:* "Super_SID@yahoogroups.com" <Super_SID@yahoogroups.com>
> *Sent:* Monday, August 7, 2017 4:21 PM
> *Subject:* [Super_SID] SuperSID on a Raspberry Pi [1 Attachment]
>
> [Attachment(s)
> <https://mg.mail.yahoo.com/neo/launch?.rand=49futso7i8ifo#TopText>
> from Deborah Scherrer included below]
> My friend and colleague Mardina Abdullah, of ANGKASA - the national
> space agency of Malaysia, has both ported the SuperSID to a Raspberry
> Pi and also redesigned the SuperSID instrument into a small double
> layer PCB so that it could be easily connected to a USB external sound
> card and the Raspberry Pi.
> She and her team developed the extra software modules needed for the
> Rasberry Pi and she evidently also has a nice graphical interface.All
> her code is open source, mostly in Python, and freely available at:

> https://github.com/ericgibert/supersid
> Her system uses a lot less power than the existing SuperSIDs, is a lot
> smaller, and does not require an additional dedicated computer.One
> only needs to add the monitor, keyboard, and mouse.She claims the cost
> to produce is about $30.
> A copy of her paper is attached, including images of her system.
> This sounds like an awesome, so to speak, improvement to the
> SuperSIDs, and one that SARA and you might want to look into.
> Debbie
>
>
>

1971. Re: [Super_SID] SuperSID on a Raspberry Pi

Yahoo group: Super_SID
Date: 2017-08-13 02:03:03 UTC
From: Robert L Tucker
Topic: 1955 Message: 1971

On Aug 12, 2017, at 12:37 PM, Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> A copy of her paper is attached, including images of her system.

Hi, Debbie!
Nothing was attached to the (your) message that I received. No paper, no images. And I would like very much to see everything.
Robert

1972. Re: [Super_SID] SuperSID on a Raspberry Pi

Yahoo group: Super_SID
Date: 2017-08-13 02:07:07 UTC
From: Deborah Scherrer
Topic: 1955 Message: 1972
Attachments: 1 described; binary payloads are missing from this source WARC

Sorry. Attached, hopefully, is Mardina's paper.
Debbie

On 8/12/17 7:03 PM, Robert L Tucker rltucker@... [Super_SID] wrote:
>
> On Aug 12, 2017, at 12:37 PM, Deborah Scherrer
> dscherrer@... [Super_SID] <Super_SID@yahoogroups.com>
> wrote:
> >
> > A copy of her paper is attached, including images of her system.
>
> Hi, Debbie!
> Nothing was attached to the (your) message that I received. No paper,
> no images. And I would like very much to see everything.
> Robert
>
>

1973. Re: [Super_SID] SuperSID on a Raspberry Pi [1 Attachment]

Yahoo group: Super_SID
Date: 2017-08-13 03:05:21 UTC
From: Robert L Tucker
Topic: 1955 Message: 1973

On Aug 12, 2017, at 9:07 PM, Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Sorry. Attached, hopefully, is Mardina's paper.
>
Got it! Thanks, Debbie.
Robert

1974. Re: [Super_SID] SuperSID on a Raspberry Pi [1 Attachment]

Yahoo group: Super_SID
Date: 2017-08-13 21:15:27 UTC
From: ap_guardian@yahoo.com
Topic: 1955 Message: 1974

Could this get added to the Stanford ssid page?

Sent from Yahoo Mail on Android

On Sat, Aug 12, 2017 at 9:07 PM, Deborah Scherrer dscherrer@solar.stanford.edu [Super_SID]<Super_SID@yahoogroups.com> wrote: [Attachment(s) from Deborah Scherrer included below]
Sorry. Attached, hopefully, is Mardina's paper.
Debbie

On 8/12/17 7:03 PM, Robert L Tucker rltucker@... [Super_SID] wrote:

On Aug 12, 2017, at 12:37 PM, Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> A copy of her paper is attached, including images of her system.

Hi, Debbie!
Nothing was attached to the (your) message that I received. No paper, no images. And I would like very much to see everything.
Robert

1975. Re: [Super_SID] SuperSID on a Raspberry Pi

Yahoo group: Super_SID
Date: 2017-08-13 22:51:05 UTC
From: Deborah Scherrer
Topic: 1955 Message: 1975

It's already there: http://solar-center.stanford.edu/SID/publications/

Deborah

On 8/13/17 2:15 PM, 'ap_guardian@...' ap_guardian@...
[Super_SID] wrote:
>
> Could this get added to the Stanford ssid page?
>
> Sent from Yahoo Mail on Android
> <https://overview.mail.yahoo.com/mobile/?.src=Android>
>
> On Sat, Aug 12, 2017 at 9:07 PM, Deborah Scherrer
> dscherrer@... [Super_SID]
> <Super_SID@yahoogroups.com> wrote:
> [Attachment(s) <#TopText> from Deborah Scherrer included below]
>
> Sorry. Attached, hopefully, is Mardina's paper.
> Debbie
>
> On 8/12/17 7:03 PM, Robert L Tucker rltucker@...
> <mailto:rltucker@...> [Super_SID] wrote:
>>
>> On Aug 12, 2017, at 12:37 PM, Deborah Scherrer
>> dscherrer@...
>> <mailto:dscherrer@...> [Super_SID]
>> <Super_SID@yahoogroups.com> <mailto:Super_SID@yahoogroups.com> wrote:
>> >
>> > A copy of her paper is attached, including images of her system.
>>
>> Hi, Debbie!
>> Nothing was attached to the (your) message that I received. No
>> paper, no images. And I would like very much to see everything.
>> Robert
>>
>
>

1976. Re: Plot and Time Problems

Yahoo group: Super_SID
Date: 2017-08-14 15:01:23 UTC
From: judah.luberto@...
Topic: 1947 Message: 1976
Attachments: 1 described; binary payloads are missing from this source WARC

I cross-referenced my graph with another and the example graphs seem fine, so that problem is ruled out. I've attached data from my supersid, after collecting for a whole day. However, it seems I have not been receiving data. Is this due to the placement of the antenna?

Thanks for your help.

Judah

1977. Re: [Super_SID] Re: Plot and Time Problems [1 Attachment]

Yahoo group: Super_SID
Date: 2017-08-14 19:40:24 UTC
From: Steve Berl
Topic: 1947 Message: 1977

Depends. Your attachment doesn't show what date or which transmitter, so it is hard to tell.
Sometimes the transmitters stop transmitting. You should compare your data to others who are receiving the same station on the same days. If all the stations show the drop at the same time, then it is the transmitter. If only yours shows it, then likely it is something local to your station.

You can find everyone else's data at
http://sid.stanford.edu/database-browser/

-steve

On Mon, Aug 14, 2017 at 8:01 AM, judah.luberto@gmail.com [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#m_2171959988522182010_TopText> from
> judah.luberto@... included below]
>
> I cross-referenced my graph with another and the example graphs seem fine,
> so that problem is ruled out. I've attached data from my supersid, after
> collecting for a whole day. However, it seems I have not been receiving
> data. Is this due to the placement of the antenna?
>
> Thanks for your help.
>
> Judah
>
>
>

--
-steve

1978. Re: [Super_SID] Plot and Time Problems

Yahoo group: Super_SID
Date: 2017-08-14 19:41:37 UTC
From: Steve Berl
Topic: 1947 Message: 1978

Time zone in the configuration isn't currently used for anything.

-steve

On Mon, Aug 7, 2017 at 10:05 AM, John Purdy jrpurdy@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> Judah
>
> I'm not sure of the first problem but the SID data is retrieved from the
> contributing stations (as set in the config file) at midnight UTC (00:00
> UTC) which is 5:00 PM PDT. I'm also on PDT here)
>
> John Purdy
>
> On 04/08/2017 21:24, judah.luberto@... [Super_SID] wrote:
>
>
>
> Hi all,
>
>
> I recently obtained a SuperSID and constructed the antenna. I was
> receiving data real time (as seen in the first attachment), but could not
> correctly plot the data. At first I though it was the location, but I could
> not plot the preloaded data from 2009 either. Both the data I received and
> the preloaded data appear in the same way seen in the second attachment.
> Does anybody have any idea why this is? I would think it has to do with the
> software, but am not sure.
>
>
> Also, the data received through the SuperSID comes in right before 5:00
> pm, not midnight. In the config folder, the time zone to -8:00 UTC, but the
> time I receive the data at does not change.
>
>
> Is there a solution to these problems anybody knows of?
>
>
> Thank you,
>
> Judah
>
>

> <http://www.avg.com/email-signature?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> Virus-free.
> www.avg.com
> <http://www.avg.com/email-signature?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>
> <#m_2088604728972974334_DAB4FAD8-2DD7-40BB-A1B8-4E2AA1F9FDF2>
>
>
>
>

--
-steve

1979. Re: [Super_SID] Plot and Time Problems

Yahoo group: Super_SID
Date: 2017-08-14 20:40:05 UTC
From: Deborah Scherrer
Topic: 1947 Message: 1979

Steve's right. Though we occasionally use it to double-check if someone
has their latitude and longitude mixed up. ;-)
Deborah

On 8/14/17 12:41 PM, Steve Berl steveberl@... [Super_SID] wrote:
> Time zone in the configuration isn't currently used for anything.
>
> -steve
>
> On Mon, Aug 7, 2017 at 10:05 AM, John Purdy jrpurdy@...
> <mailto:jrpurdy@...> [Super_SID] <Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>> wrote:
>
> Judah
>
> I'm not sure of the first problem but the SID data is retrieved
> from the contributing stations (as set in the config file) at
> midnight UTC (00:00 UTC) which is 5:00 PM PDT. I'm also on PDT here)
>
> John Purdy
>
>
> On 04/08/2017 21:24, judah.luberto@...
> <mailto:judah.luberto@...> [Super_SID] wrote:
>>
>> Hi all,
>>
>>
>> I recently obtained a SuperSID and constructed the antenna. I was
>> receiving data real time (as seen in the first attachment), but
>> could not correctly plot the data. At first I though it was the
>> location, but I could not plot the preloaded data from 2009
>> either. Both the data I received and the preloaded data appear in
>> the same way seen in the second attachment. Does anybody have any
>> idea why this is? I would think it has to do with the software,
>> but am not sure.
>>
>>
>> Also, the data received through the SuperSID comes in right
>> before 5:00 pm, not midnight. In the config folder, the time zone
>> to -8:00 UTC, but the time I receive the data at does not change.
>>
>>
>> Is there a solution to these problems anybody knows of?
>>

>>
>> Thank you,
>>
>> Judah
>>
>>
>> <http://www.avg.com/email-signature?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>
>> Virus-free. www.avg.com
>> <http://www.avg.com/email-signature?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>
>>
>>
>> <#m_2088604728972974334_DAB4FAD8-2DD7-40BB-A1B8-4E2AA1F9FDF2>
>
>
>
>
> --
> -steve
>

1980. Real time display scaling

Yahoo group: Super_SID
Date: 2017-08-14 21:03:54 UTC
From: Keith Payea
Topic: 1947 Message: 1980

Hello All:

Is there a way to set the real time spectrum display scale to some specific range? Right now it auto-scales, so small changes in the signal amplitude can be magnified it the software decides to change the scale between updates.

Automatically adjusting the scale is useful when setting up, but once you get used to your particular view of the spectrum it becomes distracting.

Thanks,

Keith

1981. data not being saved

Yahoo group: Super_SID
Date: 2017-08-15 19:54:46 UTC
From: q_zhou@...
Topic: 1981 Message: 1981

I can see plots but all amplitude data saved from the buffer is shown as zero. Any suggestion to fix this is greatly appreciated.

Qihou Zhou

1982. Re: [Super_SID] data not being saved

Yahoo group: Super_SID
Date: 2017-08-15 22:11:14 UTC
From: Steve Berl
Topic: 1981 Message: 1982

Did you look at the whole file? The file will be filled with zeroes for all times except the times you were actually running. The times in the file are UTC.

-steve

On Tue, Aug 15, 2017 at 12:54 PM, q_zhou@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
>
> I can see plots but all amplitude data saved from the buffer is shown as
> zero. Any suggestion to fix this is greatly appreciated.
>
>
> Qihou Zhou
>
>
>

--
-steve

1983. Re: Plot and Time Problems

Yahoo group: Super_SID
Date: 2017-08-16 01:47:45 UTC
From: judah.luberto@...
Topic: 1947 Message: 1983
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks for all the help!

I collected data from this past day, and I did get data from the whole day. But, there is a lot of noise, and I suspect it is due to interference. Could anybody confirm my suspicion?

If it is, is the only possible solution to move the receiver?

Thanks again.

Judah

1984. Re: [Super_SID] Re: Plot and Time Problems [1 Attachment]

Yahoo group: Super_SID
Date: 2017-08-16 04:12:42 UTC
From: Steve Berl
Topic: 1947 Message: 1984

Looks pretty noisy. Try moving the antenna around and pointing it different directions.
Also look for local sources like CFL or LED light bulbs, and electric motors.

Steve

On Tue, Aug 15, 2017 at 7:45 PM judah.luberto@gmail.com [Super_SID] <Super_SID@yahoogroups.com> wrote:

> [Attachment(s) <#m_5100579666041115821_TopText> from
> judah.luberto@... included below]
>
> Thanks for all the help!
>
> I collected data from this past day, and I did get data from the whole
> day. But, there is a lot of noise, and I suspect it is due to interference.
> Could anybody confirm my suspicion?
>
> If it is, is the only possible solution to move the receiver?
>
> Thanks again.
>
> Judah
>
>
>
--
-steve

1985. Re: [Super_SID] Plot and Time Problems [1 Attachment]

Yahoo group: Super_SID
Date: 2017-08-17 04:41:04 UTC
From: Gohar Ali
Topic: 1947 Message: 1985

Dear Nur Ain Zakaria

Can you send me please the day night signature graphs of the two transmitter you described. I get the same type of peaks in spectral graph density but the peaks are at some different frequencies and they keep shifting when i change to some other locations with in few kilometers in the city. I am from Pakistan, Karachi. also the same transmitter were checked again again but i never got the day night signature instead i get the peaks in spectral density window, which make a sense that i am not getting a true signal of any such transmitter. kindly help me out.

Regards

Gohar Ali
Electrical Engineering, IST Islamanbad
Pakistan

On Tue, Aug 8, 2017 at 5:42 AM, NUR AIN ZAKARIA nurainzakaria@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#m_-2878753685064733460_TopText> from NUR AIN ZAKARIA
> included below]
>
> Dear Judah,
> You are capturing frequency from what station, because based on your
> second graph seems that your system did not work properly to capture signal.
> Attached is my spectrum analyzer capturing frequency from India(VTX4) and
> Australia(NWC).
>
> Thanks and Best Regards
>
> Nur Ain Binti Zakaria
>
> Postgraduate Student
> Faculty of Electrical Engineering
> Universiti Teknologi MARA (UiTM)
> 40450, Shah Alam,
> Selangor
> MALAYSIA
> h/p:+60166663643 <+60%2016-666%203643>
>
>
> On Tuesday, August 8, 2017 2:46 AM, "judah.luberto@gmail.com [Super_SID]"
> <Super_SID@yahoogroups.com> wrote:
>

>
>
> Thanks John!
>
> I guess I was under the assumption that entering in the time zone would
> switch when the SuperSID data is gathered.
>
> Judah
>
>
>
>

1986. 2017/08/18 UT : Sudden Ionosphere Disturbance (SID) by Solar eruption : C4.4

Yahoo group: Super_SID
Date: 2017-08-19 01:27:00 UTC
From: drsaguirre@...
Topic: 1986 Message: 1986

2017/08/18 UT : Sudden Ionosphere Disturbance (SID) by Solar eruption : C4.4

Hi Everyone.

Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:

Solar Event: C4.4

Date: 2017/08/18
Time: 19:50-21:00 Hrs UT

Site: 29.10 N , -110.96

AAVSO Importance : 2+.(AAVSO)

Solar Active Region: 2671.

SID`s Images here: Spanish (please use Translator)...

https://goo.gl/GQ8Vx9 https://goo.gl/GQ8Vx9

regards

Salvador Aguirre
AAVSO A138.
Stanford Solar Center. AGUSA3.0415.

Son, Mex.

1987. Fwd: My eclipse data

Yahoo group: Super_SID
Date: 2017-08-22 18:31:17 UTC
From: Deborah Scherrer
Topic: 1987 Message: 1987
Attachments: 1 described; binary payloads are missing from this source WARC

Gorgeous graph from the eclipse! From Robert Tucker.
Deborah

-------- Forwarded Message --------
Subject: My eclipse data
Date: Mon, 21 Aug 2017 22:51:49 -0500
From: ROBERT L. TUCKER <rltucker@...>
To: Scherrer Deborah <dscherrer@...>

1988. Re: [Super_SID] data not being saved

Yahoo group: Super_SID
Date: 2017-08-18 03:18:04 UTC
From: q_zhou@...
Topic: 1981 Message: 1988

Thanks, Steve, You are right. There is data toward the bottom of the file. Qihou

1989. Advice to newby.

Yahoo group: Super_SID
Date: 2017-08-19 12:26:32 UTC
From: dave.roesimons625@...
Topic: 1989 Message: 1989
Attachments: 2 described; binary payloads are missing from this source WARC

Ok, I've built and wired the antenna.

I've used enamelled wire, 135m over 2m square, but some questions have come to mind.

In the literature there is no mention of keeping enamelled wire separated, and if the wires at the terminal connector should be scarified to eradicate the enamel. Thoughts?

Finally I'd like to use about 20m of coax. Is there an optimum lenght or formula concerning coax length?

Thanks,

Dave.

1990. Re: Plot and Time Problems

Yahoo group: Super_SID
Date: 2017-08-19 17:37:36 UTC
From: judah.luberto@...
Topic: 1947 Message: 1990
Attachments: 1 described; binary payloads are missing from this source WARC

Steve,

I rotated the antenna 90 degrees, and got the graph attached. This at least has a sunrise/sunset pattern.

Judah

1991. Re: Plot and Time Problems

Yahoo group: Super_SID
Date: 2017-08-20 14:22:58 UTC
From: judah.luberto@...
Topic: 1947 Message: 1991
Attachments: 1 described; binary payloads are missing from this source WARC

I rotated the antenna 90 degrees, and attached is my result from one station. There is a clear sunrise/sunset pattern, which is nice. Am I right that there is still some interference though? Especially around 4:00 UTC. where there is a big jump, and the signal strength went around 80,000 as well for other stations.
Thank you for all the help.

Judah

1992. SSID Eclipse Data

Yahoo group: Super_SID
Date: 2017-08-22 21:57:17 UTC
From: David Iadevaia
Topic: 1992 Message: 1992
Attachments: 1 described; binary payloads are missing from this source WARC

From Douglas, WY base camp.

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

1993. Re: [Super_SID] SSID Eclipse Data [1 Attachment]

Yahoo group: Super_SID
Date: 2017-08-22 22:13:03 UTC
From: Deborah Scherrer
Topic: 1992 Message: 1993

Another beautiful graph! Can we assume that the dip before the peak
was the flashing of the diamond ring?
Deborah

On 8/22/17 2:57 PM, David Iadevaia kf7mzy@... [Super_SID] wrote:
> [Attachment(s) <#TopText> from David Iadevaia included below]
>
> From Douglas, WY base camp.
>
> David Iadevaia
> KF7MZY
> www.davidiadevaia.com
> Tucson, AZ Grid Square: DM42
>
>

1994. Re: [Super_SID] SSID Eclipse Data

Yahoo group: Super_SID
Date: 2017-08-22 22:14:53 UTC
From: David Iadevaia
Topic: 1992 Message: 1994
Attachments: 1 described; binary payloads are missing from this source WARC

Could be...but here it is optically!

David Iadevaia
KF7MZY
www.davidiadevaia.com
Tucson, AZ Grid Square: DM42

On Tue, 8/22/17, Deborah Scherrer dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Subject: Re: [Super_SID] SSID Eclipse Data
To: Super_SID@yahoogroups.com
Date: Tuesday, August 22, 2017, 3:13 PM

Another beautiful graph! Can we assume that the dip
before the
peak was the flashing of the diamond ring?

Deborah

On 8/22/17 2:57 PM,
David Iadevaia
kf7mzy@...
[Super_SID] wrote:

From Douglas, WY base camp.

David Iadevaia

KF7MZY

www.davidiadevaia.com

Tucson, AZ Grid Square: DM42

1995. Re: [Super_SID] 2017/08/18 UT : Sudden Ionosphere Disturbance (SID) by Solar eruption : C4.4

Yahoo group: Super_SID
Date: 2017-08-22 16:09:30 UTC
From: d frazier
Topic: 1986 Message: 1995

Hope yesterday went well, could not pick up anything on two meters.
best wishes
don

On Fri, Aug 18, 2017 at 7:27 PM, drsaguirre@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> 2017/08/18 UT : Sudden Ionosphere Disturbance (SID) by Solar eruption :
> C4.4
>
> Hi Everyone.
>
> Sudden Ionospheric Disturbance Space Weather Monitor..(Supersid) my Report:
>
> Solar Event: C4.4
>
> Date: 2017/08/18
> Time: 19:50-21:00 Hrs UT
>
> Site: 29.10 N , -110.96
>
> AAVSO Importance : 2+.(AAVSO)
>
> Solar Active Region: 2671.
>
> SID`s Images here: Spanish (please use Translator)...
>
> https://goo.gl/GQ8Vx9
>
>
> regards
>
> Salvador Aguirre
> AAVSO A138.
> Stanford Solar Center. AGUSA3.0415.
>
> Son, Mex.
>
>
>
>
>

1996. Re: [Super_SID] Advice to newby. [2 Attachments]

Yahoo group: Super_SID
Date: 2017-08-23 02:21:28 UTC
From: Steve Berl
Topic: 1989 Message: 1996

The enamel on the wire is insulation. It is fine for the loops of the coil
to touch each other. You do need to remove the enamel places you want to
make an electrical connection.

Steve

On Tue, Aug 22, 2017 at 2:11 PM dave.roesimons625@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#m_-5268598431430865788_TopText> from
> dave.roesimons625@... included below]
>
> Ok, I've built and wired the antenna.
>
>
> I've used enamelled wire, 135m over 2m square, but some questions have
> come to mind.
>
>
> In the literature there is no mention of keeping enamelled wire separated,
> and if the wires at the terminal connector should be scarified to eradicate
> the enamel. Thoughts?
>
>
> Finally I'd like to use about 20m of coax. Is there an optimum lenght or
> formula concerning coax length?
>
>
> Thanks,
>
>
> Dave.
>
>
>
>
>
>
>
--
-steve

1997. Re: [Super_SID] Re: Plot and Time Problems [1 Attachment]

Yahoo group: Super_SID
Date: 2017-08-23 02:23:24 UTC
From: Steve Berl
Topic: 1947 Message: 1997

Yes. Your signal looks much better now.

Steve

On Tue, Aug 22, 2017 at 2:12 PM judah.luberto@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

> [Attachment(s) <#m_-4476532752854831726_TopText> from
> judah.luberto@gmail.com included below]
>
> I rotated the antenna 90 degrees, and attached is my result from one
> station. There is a clear sunrise/sunset pattern, which is nice. Am I right
> that there is still some interference though? Especially around 4:00 UTC.
> where there is a big jump, and the signal strength went around 80,000 as
> well for other stations.
>
> Thank you for all the help.
>
> Judah
>
>
>
--
-steve

1998. Re: [Super_SID] Re: Plot and Time Problems [1 Attachment]

Yahoo group: Super_SID
Date: 2017-08-23 00:45:07 UTC
From: NUR AIN ZAKARIA
Topic: 1947 Message: 1998
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Judah,Based on my experience, in order to see pattern of sunrise and sunset clearly, change the plot to local time.Attached example from Malaysian stations. Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

"[He] who created death and life to test you [as to] which of you is best in deed - and He is the Exalted in Might, the Forgiving" -Al-Mulk;2

On Wednesday, August 23, 2017 5:12 AM, "judah.luberto@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from judah.luberto@... included below] I rotated the antenna 90 degrees, and attached is my result from one station. There is a clear sunrise/sunset pattern, which is nice. Am I right that there is still some interference though? Especially around 4:00 UTC. where there is a big jump, and the signal strength went around 80,000 as well for other stations.
Thank you for all the help.
Judah

1999. Re: [Super_SID] Plot and Time Problems

Yahoo group: Super_SID
Date: 2017-08-23 06:26:38 UTC
From: NUR AIN ZAKARIA
Topic: 1947 Message: 1999
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Gohar Ali,Sorry, I just noticed your emailAttached is my result.May be I can share my step in plotting data in Malaysia (GMT +8)1) I choose data from 4pm the day before until 3.59pm on current day2) Convert the time to Local Time 4pm+8= 12am3) Convert the signal strength to dBm i) Signal Strength X 1000 = A1 ii) 10*LOG10(A1) = dBm
Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

On Thursday, August 17, 2017 11:47 PM, "Gohar Ali aazaan12@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

Dear Nur Ain Zakaria

Can you send me please the day night signature graphs of the two transmitter you described. I get the same type of peaks in spectral graph density but the peaks are at some different frequencies and they keep shifting when i change to some other locations with in few kilometers in the city. I am from Pakistan, Karachi. also the same transmitter were checked again again but i never got the day night signature instead i get the peaks in spectral density window, which make a sense that i am not getting a true signal of any such transmitter. kindly help me out.

Regards

Gohar Ali
Electrical Engineering, IST Islamanbad
Pakistan

On Tue, Aug 8, 2017 at 5:42 AM, NUR AIN ZAKARIA nurainzakaria@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

[Attachment(s) from NUR AIN ZAKARIA included below] Dear Judah,You are capturing frequency from what station, because based on your second graph seems that your system did not work properly to capture signal.Attached is my spectrum analyzer capturing frequency from India(VTX4) and Australia(NWC). Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

On Tuesday, August 8, 2017 2:46 AM, "judah.luberto@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

Thanks John!

I guess I was under the assumption that entering in the time zone would switch when the SuperSID data is gathered.

Judah

2000. Bug in supersid_plot.exe ?

Yahoo group: Super_SID
Date: 2017-08-27 11:14:35 UTC
From: rpdvvuamrt5h7xdqfrsslpfozplbl7hlpykw4nye@...
Topic: 2000 Message: 2000

Hello,
I am running SuperSid 1.2.2 on Windows 8.1 (x64) and with Python 3.5 (actually Anaconda https://www.continuum.io/what-is-anaconda) and Matplotlib 2.0 (?) and every time I try to run supersid_plot.exe I get this error in the log:

```
Traceback (most recent call last):
File "supersid_plot.py", line 13, in <module>
File "matplotlib\pyplot.pyc", line 109, in <module>
File "matplotlib\backends\__init__.pyc", line 32, in pylab_setup
File "matplotlib\backends\backend_tkagg.pyc", line 7, in <module>
File "six.pyc", line 199, in load_module
File "six.pyc", line 113, in _resolve
File "six.pyc", line 80, in _import_module
ImportError: No module named FileDialog
```

Is this a bug or it has to do with my configuration? Has anybody else noticed anything similar? What could we do to fix it?

Thanks.

2001. Re: Unusual Power Spectrum Density

Yahoo group: Super_SID
Date: 2017-09-03 15:52:34 UTC
From: aprilsaccuan@...
Topic: 1902 Message: 2001

Hello manitoulin777,

Here's what we did under Windows 10 laptop:

Fix: Right click Speakers Icon in the taskbar and click ‘Recording’.
Under Recording Tab, select the microphone of the USB Sound card & click properties
On Microphone Properties window, under Advanced tab, change the default format sample rate to 2-channel 24 bit 96000Hz (Studio Quality) [16bit also works as long as 96000Hz is selected as sample rate][Default setting is 2-channel, 16bit, 44100Hz CD Quality]

2002. Re: Advice to newby.

Yahoo group: Super_SID
Date: 2017-09-05 11:43:54 UTC
From: dave.roesimons625@...
Topic: 1989 Message: 2002
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Steve. Now I've run the system for a few days, I'm certain that I'm not recording properly, everything is relatively flat line, with no diurnal indications. any suggestions?

2003. Nature with nature (Gigantic active sunspots)

Yahoo group: Super_SID
Date: 2017-09-07 07:07:22 UTC
From: Divyadarshan Purohit
Topic: 2003 Message: 2003
Attachments: 5 described; binary payloads are missing from this source WARC

Dear Friends,

Gigantic Sunspots NOAA AR 12673 & 12674 are on Solar disk among them 12673 is very active & has released more than dozen M class flares while on 7.9.2017 it has unleashed an X 9.3 Solar flare , the strongest since 2008. It may hurled a giant cloud of CME toward us. Sun behavior is amazing & awesome during solar minimum starting.No one can understand nature of the Sun fully .

We catch the active sun via Sony handy cam from Gurudev Observatory on 6/9/2017 at 6:30 PM IST (13:00 UT) .You may see nature interrelating with nature in form of birds flying & trees.

Try to see all the pictures with zoom in as max as possible.

You may enjoy a very small video at

https://youtu.be/U1Huvr_v2II

with best regards,

Divyadarshan D.Purohit
Gurudev Observatory,
Vadodara
India
http://www.gurudevobservatory.co.in/

[image: flickr]
<https://www.flickr.com/photos/gurudevobservatory/sets/> [image: twitter] <https://twitter.com/ddpurohit/> [image: facebook]
<https://www.facebook.com/divyadarshan.purohit/> [image: youtube]
<https://www.youtube.com/c/DivyadarshanPurohit> [image: googleplus]
<https://plus.google.com/+DivyadarshanPurohit> [image: blogspot]
<http://vayamrastrejagruyampurohita.blogspot.in/> [image: tumblr]
<http://www.gurudevobservatory.tumblr.com/>

2004. Re: [Super_SID] Re: Advice to newby. [1 Attachment]

Yahoo group: Super_SID
Date: 2017-09-07 23:45:31 UTC
From: Gary Memory
Topic: 1989 Message: 2004

Dave,
I'm not an expert by any stretch and my info is not read from the 'book of SSID'! But, your results do not resemble what I am seeing. I've had my SSID system operational since just before the solar eclipse here in the US of A some days ago. I live in a suburban neighborhood with tons of electrical noise. That said, it seems I am receiving a number of signals quite well (at least it appears okay to me).
I am using the antenna (yellow wire with a coax feedline) that is sold along with the SSID receiver as an option. It is configured as a 116cm square using PVC. The yellow antenna wire is wrapped around the circumference of the square and there is no "order" to the turns...they are simply wrapped in one random bunch.
I just now disconnected my antenna briefly from my SSID receiver and using an ohm meter I measured 10.2 ohms across the BNC connector that normally connects to the receiver.
I'd be happy to run thru the rest of my installation if it will help. Or maybe I am out of line and there is someone else who should respond.
My guess is you should see a loop of wire that will present some number ohms resistance. If not, or if you see an open, that would represent a problem in my setup.
Gary, N7BRJ
On Tuesday, September 5, 2017, 11:54:22 AM EDT, dave.roesimons625@schools.sa.edu.au [Super_SID] <Super_SID@yahoogroups.com> wrote:

  [Attachment(s) from dave.roesimons625@... included below]
Thanks Steve. Now I've run the system for a few days, I'm certain that I'm not recording properly, everything is relatively flat line, with no diurnal indications. any suggestions?

2005. Re: [Super_SID] Re: Advice to newby.

Yahoo group: Super_SID
Date: 2017-09-08 04:05:59 UTC
From: ap_guardian@yahoo.com
Topic: 1989 Message: 2005

Dave,The most common cause of a flat/no signal is a sound card issue.

Verify your soundcard settings, record volume set to max, connections clean and tight.
M
Sent from Yahoo Mail on Android

On Thu, Sep 7, 2017 at 9:40 PM, Gary Memory glmemory@...
[Super_SID]<Super_SID@yahoogroups.com> wrote:

Dave,
I'm not an expert by any stretch and my info is not read from the 'book of SSID'! But, your results do not resemble what I am seeing. I've had my SSID system operational since just before the solar eclipse here in the US of A some days ago. I live in a suburban neighborhood with tons of electrical noise. That said, it seems I am receiving a number of signals quite well (at least it appears okay to me).
I am using the antenna (yellow wire with a coax feedline) that is sold along with the SSID receiver as an option. It is configured as a 116cm square using PVC. The yellow antenna wire is wrapped around the circumference of the square and there is no "order" to the turns...they are simply wrapped in one random bunch.
I just now disconnected my antenna briefly from my SSID receiver and using an ohm meter I measured 10.2 ohms across the BNC connector that normally connects to the receiver.
I'd be happy to run thru the rest of my installation if it will help. Or maybe I am out of line and there is someone else who should respond.
My guess is you should see a loop of wire that will present some number ohms resistance. If not, or if you see an open, that would represent a problem in my setup.
Gary, N7BRJ
On Tuesday, September 5, 2017, 11:54:22 AM EDT, dave.roesimons625@... [Super_SID]
<Super_SID@yahoogroups.com> wrote:

[Attachment(s) from dave.roesimons625@....edu.au included below]
Thanks Steve. Now I've run the system for a few days, I'm certain that I'm not recording properly, everything is relatively flat line, with no diurnal indications. any suggestions?

2006. Re: [Super_SID] Re: Advice to newby.

Yahoo group: Super_SID
Date: 2017-09-08 10:05:26 UTC
From: dave.roesimons625@...
Topic: 1989 Message: 2006

Thanks, I'll check and recheck.

2007. Re: Advice to newby.

Yahoo group: Super_SID
Date: 2017-09-08 10:07:27 UTC
From: dave.roesimons625@...
Topic: 1989 Message: 2007

Gary, all advice is good advice. Please keep it comming and I'll systematically chase this down.

Much obliged.

Dave

2008. Re: Advice to newby.

Yahoo group: Super_SID
Date: 2017-09-13 11:48:14 UTC
From: dave.roesimons625@...
Topic: 1989 Message: 2008
Attachments: 1 described; binary payloads are missing from this source WARC

At last! The addition of an external sound card has made all the difference! Thanks to all of you, apparently HD in the system does not necessarily mean HD in reality.

Lets see how the next 48 hours transpires (bet all the uber cool action of the past week is now over - damn!).

Thanks to all of you!

2009. Re: [Super_SID] Re: Advice to newby.

Yahoo group: Super_SID
Date: 2017-09-13 11:51:46 UTC
From: dave.roesimons625@...
Topic: 1989 Message: 2009

You were absolutely correct.

2010. Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-16 08:05:47 UTC
From: pablotwa1@...
Topic: 2010 Message: 2010

Hi I'm a newbie (LPAC) having all kind of problems but one step at a time. Is there a manual that explains ONLY the software in its entirety, because frankly I'm not understanding it. I have the unit working and receiving signals but I need a COMPLETE explanation of the software alone to understand what I'm seeing.
Any help would be greatly appreciated.
Thanks!

Pablo Lewin Ham Radio WA6RSV, AAVSO and Stanford Solar id LPAC

2011. Re: [Super_SID] Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-16 17:34:29 UTC
From: Steve Berl
Topic: 2010 Message: 2011

Hi Pablo

All the manuals are available at http://solar-center.stanford.edu/SID/DOC/
If you want really detailed view of the software, the python source code is
part of the distribution in the \Code folder. Start with supersid.py.

Also this email group is really good at answering specific questions, so
ask away.

Have fun,

-steve

On Sat, Sep 16, 2017 at 1:05 AM, pablotwa1@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> Hi I'm a newbie (LPAC) having all kind of problems but one step at a time.
> Is there a manual that explains ONLY the software in its entirety, because
> frankly I'm not understanding it. I have the unit working and receiving
> signals but I need a COMPLETE explanation of the software alone to
> understand what I'm seeing.
>
> Any help would be greatly appreciated.
>
> Thanks!
>
>
> Pablo Lewin Ham Radio WA6RSV, AAVSO and Stanford Solar id LPAC
>
>
>

--
-steve

2012. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-16 19:44:06 UTC
From: pablotwa1@...
Topic: 2010 Message: 2012

Thanks Steve. I have to go to work now but when I get back I have a thousand questions/problems that I need help with! Thank you! Pablo

2013. Re: [Super_SID] Plotting and Time Problem [2 Attachments]

Yahoo group: Super_SID
Date: 2017-09-18 18:50:39 UTC
From: Steve Berl
Topic: 1946 Message: 2013

Hi Judah,

I'm finally catching up on emails. Were you able to get your superSID working?

-steve

On Fri, Aug 4, 2017 at 1:56 PM, judah.luberto@gmail.com [Super_SID] <Super_SID@yahoogroups.com> wrote:

> [Attachment(s) <#m_6383160834363723072_TopText> from judah.luberto@... included below]
>
> Hi all,
>
>
> I recently obtained a SuperSID and built the antenna. Through the real time data display (as seen attached under supersid_2017-08-01_22-03-11), it appeared the SuperSID was working correctly. However, when I tried to plot the data after the days end, the plot did not appear right. This same problem occurred when I tried to plot the preloaded data given from 2009 (the attachment supersid_2017-08-02_18-57-32). When compared to other plotted data, this is not correct. Does anybody have any idea what the problem is? At first, I thought the problem was due to the location of the device, but when I could not plot the data from 2009, I knew location was not the problem.
>
>
> Also, the data is not sent out right before midnight for me, but right before 5:00 pm. In the config folder, the time zone is set to -8:00 UTC when I am in Pacific Standard Time. I can screenshot the time zone section of the folder if anybody would want to see it?
>
>
> Does anybody know any solutions to these problems?
>
>
> Thank you,
>
> Judah
>
>
>

--
-steve

2014. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-18 23:21:31 UTC
From: pablotwa1@...
Topic: 2010 Message: 2014
Attachments: 1 described; binary payloads are missing from this source WARC

OK Steve once again thank you for volunteering, I appreciate it. I've attached a screenshot of my system. I'm using a dedicated mini PC running windows 10 with an external USB soundcard (96khz) rhe computer is running "headless" (no monitor, just a "dummy flashdrive looking dummy monitor) through Teamviewer. On the picture that I've attached you can see the Supersid graph, and underneath the device driver and to the left the microphone/recording control.
Questions:
1)At the bottom of the graph I see the VLF stations with their names what do the numbers to the right of the station signify? DB? x/y coordinates? what what the unit of measurement used (eg NAA=15311578??)

2) What's the best soundcard setting setting? 24 bits or 16 at 96khz?

3) What's the best microphone setting ? 100% AND the AGC feature on? 50% gain?

4) I built two antennas one 2 meter PV diagonal with about 40 windings (The wire was sent pre made by Stanford/SARA who sent it sent to me) and another one with a 75cm diagonal and 140 turns of copper wire (recommended by AAVSO).

5)The antenna is at least 50ft from any electronics/monitors etc and yet I still get lots of spurious signals. The peak you see at about 16.1khz does not correspond to any A PUBLISHED station yet it disappears completely at night and re appears in the morning. It's external because it disappears once I disconnect the antenna.

Also I'm supposed when I plot..what am I seeing? I don't see many (any) examples of the kinds of waves I'm supposed to identify..I read the only books/material and frankly it's not clear at all what I'm looking at when I'm buffering. etc..

I'm sorry for all the wuestions but even though I'm an experienced Ham Radio Operator (Extra class WA6RSV) and amateur astronomer with AAVSO I can't make heads or tails..
Any help clarification would be greatly appreciated and don't be afraid to underestimate me...
Thanks in advance!
Pablo Lewin

2015. Re: [Super_SID] Re: Newbie looking for Supersid software manual [1 Attachment]

Yahoo group: Super_SID
Date: 2017-09-19 01:08:18 UTC
From: Steve Berl
Topic: 2010 Message: 2015

Some answers inline below

On Mon, Sep 18, 2017 at 4:21 PM, pablotwa1@yahoo.com [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#m_635246585399723501_TopText> from pablotwa1@...
> included below]
>
> OK Steve once again thank you for volunteering, I appreciate it. I've
> attached a screenshot of my system. I'm using a dedicated mini PC running
> windows 10 with an external USB soundcard (96khz) rhe computer is running
> "headless" (no monitor, just a "dummy flashdrive looking dummy monitor)
> through Teamviewer.
> On the picture that I've attached you can see the Supersid graph, and
> underneath the device driver and to the left the microphone/recording
> control.
> Questions:
> 1)At the bottom of the graph I see the VLF stations with their names what
> do the numbers to the right of the station signify? DB? x/y coordinates?
> what what the unit of measurement used (eg NAA=15311578??)
>

I'm pretty sure the number is the signal strength in arbitrary units. It
comes from the actual data values being returned from your sound card which
might be 16 or 24 bits.

> 2) What's the best soundcard setting setting? 24 bits or 16 at 96khz?
>

96kHz is important. Either 24 or 16 bits will work. The difference in
resolution isn't really significant given the mount of noise in the
environment.

>
> 3) What's the best microphone setting ? 100% AND the AGC feature on? 50%
> gain?
>

AGC should be OFF as we are trying to measure signal strength and we don't
want the software messing with that.
The gain should be experimented with to try to get a signal that doesn't
saturate your input. You want the peaks to be not reaching the top of the
display. If the tops of the peaks are flattened out then you are too high.

> 4) I built two antennas one 2 meter PV diagonal with about 40 windings
> (The wire was sent pre made by Stanford/SARA who sent it sent to me) and
> another one with a 75cm diagonal and 140 turns of copper wire (recommended
> by AAVSO).
>

Not sure what the question is here. Either antenna should work. You can
experiment to see which works best.

>
> 5)The antenna is at least 50ft from any electronics/monitors etc and yet I
> still get lots of spurious signals. The peak you see at about 16.1khz does
> not correspond to any A PUBLISHED station yet it disappears completely at
> night and re appears in the morning. It's external because it disappears
> once I disconnect the antenna.
>

Could be lots of things. Switching power supplies, fluorescent lights,
electric dog fences. It's probably something in your house or your
neighbors house. See if you can figure out what times it turns on and off
and see if that helps narrow down where it comes from.

>
> Also I'm supposed when I plot..what am I seeing? I don't see many (any)
> examples of the kinds of waves I'm supposed to identify..I read the only
> books/material and frankly it's not clear at all what I'm looking at when
> I'm buffering. etc..
>

You can see tons of examples of real plots at
http://sid.stanford.edu/database-browser/. If you check the box that says "Show
estimated data quality (lower is better)" it will help you to figure out
which data is junk and which is good.

>
> I'm sorry for all the wuestions but even though I'm an experienced Ham
> Radio Operator (Extra class WA6RSV) and amateur astronomer with AAVSO I
> can't make heads or tails..
> Any help clarification would be greatly appreciated and don't be afraid to
> underestimate me...
> Thanks in advance!
> Pablo Lewin
>
>
>

--
-steve

2016. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-19 09:05:02 UTC
From: pablotwa1@...
Topic: 2010 Message: 2016

Thank you

2017. SuperSID software problem

Yahoo group: Super_SID
Date: 2017-09-19 15:27:47 UTC
From: btobias@...
Topic: 2017 Message: 2017

I'm trying to configure and run the SuperSID software on an older Dell Laptop running Windows 7, however when I run the software I get a message "could not open PortAudio Stream"

Would anyone else know what is causing this issue?

2018. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-19 16:54:03 UTC
From: pablotwa1@...
Topic: 2010 Message: 2018

OK I powered down my whole house (I ran the system on battery power)and the 16.1khz signal is still there during the day and it disappears at about 7PM local time to appear again at about 6AM. So whatever it is , it exhibits some sort of propagation model..it's not neighborhood local and it's localized east/west from Los Angeles CA. It is what it is I guess, maybe some secret transmission? Oh and by the way even at 100% audio input volume it never saturated but I'm running it now at 70% to leave plenty of room for peaks. Thanks!

2019. Re: [Super_SID] Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-19 19:04:17 UTC
From: Steve Berl
Topic: 2010 Message: 2019

How do you know it's not "neighborhood local"? -steve

On Tue, Sep 19, 2017 at 9:54 AM, pablotwa1@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> OK I powered down my whole house (I ran the system on battery power)and
> the 16.1khz signal is still there during the day and it disappears at about
> 7PM local time to appear again at about 6AM. So whatever it is , it
> exhibits some sort of propagation model..it's not neighborhood local and
> it's localized east/west from Los Angeles CA. It is what it is I guess,
> maybe some secret transmission? Oh and by the way even at 100% audio input
> volume it never saturated but I'm running it now at 70% to leave plenty of
> room for peaks.
> Thanks!
>
>
>

--
-steve

2020. RE: [Super_SID] Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-19 19:37:53 UTC
From: Keith Payea
Topic: 2010 Message: 2020

I have a similar signal in my neighborhood in northern CA. I’ve decided that it is a solar panel system nearby. The signal starts shortly after sunrise and goes away just after sunset. Set up a channel to monitor it just like a real station. Signal strength might go up and down with sun angle and/or clouds.

As long as it’s not on top of a signal you want to monitor, it’s not really a problem, just interesting.

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Tuesday, September 19, 2017 09:54
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Newbie looking for Supersid software manual

OK I powered down my whole house (I ran the system on battery power)and the 16.1khz signal is still there during the day and it disappears at about 7PM local time to appear again at about 6AM. So whatever it is , it exhibits some sort of propagation model..it's not neighborhood local and it's localized east/west from Los Angeles CA. It is what it is I guess, maybe some secret transmission? Oh and by the way even at 100% audio input volume it never saturated but I'm running it now at 70% to leave plenty of room for peaks.

Thanks!

2021. Re: [Super_SID] SuperSID software problem

Yahoo group: Super_SID
Date: 2017-09-19 19:06:36 UTC
From: Steve Berl
Topic: 2017 Message: 2021

Could there be other software on your computer using the sound card? -steve

On Tue, Sep 19, 2017 at 8:27 AM, btobias@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> I'm trying to configure and run the SuperSID software on an older Dell
> Laptop running Windows 7, however when I run the software I get a message
> "could not open PortAudio Stream"
>
>
> Would anyone else know what is causing this issue?
>
>
>

--
-steve

2022. Re: [Super_SID] Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-20 17:37:26 UTC
From: pablotwa1@...
Topic: 2010 Message: 2022

I don't know for sure Steve BUT I've been watching the signal and the amplitude decreases GRADUALLY at about 530PM and completely disappears by 607PM coming GRADUALLY back up in the morning by 7AM thus exhibiting propagation like behavior and not line of sight/ground wave characteristics of a local signal..a hunch from 45 years of experience as a Ham Radio operator albeit the lowest frequency I used up until now wast the 160 meter band and not VLF..

2023. RE: [Super_SID] Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-20 17:39:33 UTC
From: pablotwa1@...
Topic: 2010 Message: 2023

Thank you Keith. I've been reporting since yesterday morning but so far it's not showing on the Stanford solar data page. Was I blocked I wonder?

2024. Re: [Super_SID] Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-20 18:12:56 UTC
From: Steve Berl
Topic: 2010 Message: 2024

Where are you located? What part of the world? How do those times relate to sunrise and sunset?
Do you or any of your neighbors have solar voltaic system? It sounds like it might be a solar inverter.

-steve

On Wed, Sep 20, 2017 at 10:37 AM, pablotwa1@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> I don't know for sure Steve BUT I've been watching the signal and the
> amplitude decreases GRADUALLY at about 530PM and completely disappears by
> 607PM coming GRADUALLY back up in the morning by 7AM thus exhibiting
> propagation like behavior and not line of sight/ground wave characteristics
> of a local signal..a hunch from 45 years of experience as a Ham Radio
> operator albeit the lowest frequency I used up until now wast the 160 meter
> band and not VLF..
>
>

--
-steve

2025. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-20 23:09:19 UTC
From: pablotwa1@...
Topic: 2010 Message: 2025

Steve, I'm located in SoCal, LA County (near Pasadena) I'm sure there are solar inverters everywhere and the times I gave you are in local PDT and correspond to my local sunrise which today is 638AM and sunset at 651PM...Anyway don't worry, I went to the http://sid.stanford.edu/database-browser/ http://sid.stanford.edu/database-browser/ and my reports (LPAC) are no longer being updated even though I AM reporting..Keith told me that for some reason my first reports came without any personal info even though I had the config file setup..Oh well thanks you for your time

2026. Re: [Super_SID] Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-20 18:13:18 UTC
From: Steve Berl
Topic: 2010 Message: 2026

What's your "site_name" in your supersid.cfg file? I can check if the files
are uploading to the server.
The upload only happens automatically if you have "automatic_upload = yes"
in the config.
Also it happens at 0000 UTC time.

-steve

On Wed, Sep 20, 2017 at 10:39 AM, pablotwa1@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> Thank you Keith. I've been reporting since yesterday morning but so far
> it's not showing on the Stanford solar data page. Was I blocked I wonder?
>
>

--
-steve

2027. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-20 23:16:35 UTC
From: pablotwa1@...
Topic: 2010 Message: 2027

Hmm I' looking at the graph right now and that 16.1khz signal's amplitude has decreased 50% and it's 4:11PM local time so as schedule it is gradually disappearing and will eventually be gone by about 6ish..it's gradual and not sudden QSB in Ham terms. Paradoxically if you look at the SuperSID_beta.pdf document that comes with the program on page 2 there's a picture of a typical graph titled WSO 2008-11-18 16:26:31 the signal that I'm getting..is there exactly the same as minein fact the same amplitude as mine right now...What I'm going to do is get the inductance of the loop that I built and will add a capacitor to see if I can make it resonate the loop between 20 and 30 and attenuate all the other signals...

2028. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-20 23:18:51 UTC
From: pablotwa1@...
Topic: 2010 Message: 2028

```
LPAC

[PARAMETERS]

#####
# required parameters
#
site_name =LPAC
contact =pablotwa@earthlink.net

# Where the monitor is situated
country =USA

# longitude: Value between -180.0 to +180.0
# Negative for western, positive for eastern hemisphere
# latitude: Value between -90.0 to +90.0
# Negative for southern , positive for northern hemisphere
# Values should be in floating point notation (e.g 12.34)
#
longitude = -117.5
latitude = 34.2

audio_sampling_rate = 96000

log_interval = 5
log_type = filtered
scaling_factor = 220.0

utc_offset = -7
time_zone = PDT
monitor_id = 9281

#####
# next two keywords are optional
#
# if you want to save data hourly set the hourly_save value to yes
# (experimental)
hourly_save =yes

# you can change to a different data directory:
# data_path = ../differentdir
data_path = ../Data

automatic_upload = yes
ftp_server = sid-ftp.stanford.edu
ftp_directory = /incoming/SuperSID/

number_of_stations = 6
```

```
[STATION_1]
call_sign = NAA
color = r
frequency = 24000

[STATION_2]
call_sign = NLK
color = b
frequency = 24800

[STATION_3]
call_sign = NML
color = g
frequency = 25200

[STATION_4]
call_sign = NPM
color = c
frequency = 21400

[STATION_5]
call_sign = NWC
color = y
frequency = 19800

[STATION_6]
call_sign = JJI
color = k
frequency = 22200
```

2029. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-21 01:17:51 UTC
From: pablotwa1@...
Topic: 2010 Message: 2029

It's almost 6:18PM and the 16.1khz signal (as predicted) disappeared...

2030. Re: [Super_SID] Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-22 17:44:22 UTC
From: Steve Berl
Topic: 2010 Message: 2030

Hi Pablo,

I see your data on the data browser. Those hourly negative spikes are interesting. There is something going on almost exactly every hour on the hour. Could be some software on your computer, or something in your house or neighborhood that is running on a timer?

The only one of your stations that is showing the typical sunrise signature is NPM, in Hawaii. This could be because of the orientation of your antenna. As an experiment, you might try turning it 90 degrees and see if you get a better signal from NLK in Washington. For me in the SF Bay area that is one of the strongest signals.

Steve

On Wed, Sep 20, 2017 at 6:17 PM, pablotwa1@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> It's almost 6:18PM and the 16.1khz signal (as predicted) disappeared...
>
>

--
-steve

2031. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-23 21:35:26 UTC
From: pablotwa1@...
Topic: 2010 Message: 2031

OK Steve. Will do. I'm an active International Airline Pilot and I just got back fro a 3 day trip and tomorrow morning I have another 3 day trip. It will take a while and I will keep experimenting. I saw those spikes as well and frankly I have no idea what they are ..will try to re position and re orienting the antenna. Where are you seeing my data? I just went to the Stanford Center page data browser and, selected my monitors and the latest ones I'm seeing are dated on September 7th..I'm puzzled indeed

2032. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-23 22:07:47 UTC
From: pablotwa1@...
Topic: 2010 Message: 2032

I had dimension 4 running in the background to sync the computer time, maybe that's causing the spikes? I turned it off right now.. Looking for other sources
Pablo

2033. Re: [Super_SID] Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-23 22:48:27 UTC
From: Deborah Scherrer
Topic: 2010 Message: 2033

I just checked the SID data browser and the data archive. Both have data from LPAC from 3 Sept through 22 Sept. Not sure why the data browser didn't work when you tried. it. Want to try again?

Deborah

On 9/23/17 2:35 PM, pablotwa1@... [Super_SID] wrote:
>
> OK Steve. Will do. I'm an active International Airline Pilot and I
> just got back fro a 3 day trip and tomorrow morning I have another 3
> day trip. It will take a while and I will keep experimenting. I saw
> those spikes as well and frankly I have no idea what they are ..will
> try to re position and re orienting the antenna. Where are you seeing
> my data? I just went to the Stanford Center page data browser and,
> selected my monitors and the latest ones I'm seeing are dated on
> September 7th..I'm puzzled indeed
>
>

2034. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-23 23:34:24 UTC
From: pablotwa1@...
Topic: 2010 Message: 2034

On the 16.1khz signal front I had one more thing to try, I have one of those Harbor freight 45w solar panels feeding a couple of batteries for my main Ham radio Station (In case of an earthquake I figure, no electricity OR phones of any kind for about 48hrs). I turned off the solar charging unit to see if that was the culprit, but unfortunately that signal continues unabated, fades and disappears at night and reappears in the morning.. Maybe it's a secret non reported military signal? After all with the North Korea thing going on..who knows?

2035. Re: [Super_SID] Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-23 23:37:04 UTC
From: Pablo Lewin
Topic: 2010 Message: 2035

Thank you Dr. Scherrer, I'll look again. Are you now getting my identifying data?
Take care
Pablo Lewin

On Saturday, September 23, 2017 3:48 PM, Deborah Scherrer <dscherrer@...> wrote:

I just checked the SID data browser and the data archive. Both have data from LPAC from 3 Sept through 22 Sept. Not sure why the data browser didn't work when you tried. it. Want to try again?

Deborah

On 9/23/17 2:35 PM, pablotwa1@... [Super_SID] wrote:

  OK Steve. Will do. I'm an active International Airline Pilot and I just got back fro a 3 day trip and tomorrow morning I have another 3 day trip. It will take a while and I will keep experimenting. I saw those spikes as well and frankly I have no idea what they are ..will try to re position and re orienting the antenna. Where are you seeing my data? I just went to the Stanford Center page data browser and, selected my monitors and the latest ones I'm seeing are dated on September 7th..I'm puzzled indeed

2036. Re: *****SPAM***** Re: [Super_SID] Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-24 00:36:54 UTC
From: Deborah Scherrer
Topic: 2010 Message: 2036

Most of the files have a correct header, with your information. However, there were 6 files that came in on 6 Sept that did not have the complete information. These files had the name format: LPAC_xxx_2017-09-06_CB.csv where the "xxx" stands for the receiver being monitored. However, the files since then seem ok.

Deborah

On 9/23/17 4:37 PM, Pablo Lewin wrote:
> Thank you Dr. Scherrer, I'll look again. Are you now getting my
> identifying data?
>
> Take care
>
> Pablo Lewin
>
>
> On Saturday, September 23, 2017 3:48 PM, Deborah Scherrer
> <dscherrer@...> wrote:
>
>
> I just checked the SID data browser and the data archive. Both have
> data from LPAC from 3 Sept through 22 Sept. Not sure why the data
> browser didn't work when you tried. it. Want to try again?
>
> Deborah
>
> On 9/23/17 2:35 PM, pablotwa1@... <mailto:pablotwa1@...>
> [Super_SID] wrote:
>> OK Steve. Will do. I'm an active International Airline Pilot and I
>> just got back fro a 3 day trip and tomorrow morning I have another 3
>> day trip. It will take a while and I will keep experimenting. I saw
>> those spikes as well and frankly I have no idea what they are ..will
>> try to re position and re orienting the antenna. Where are you seeing
>> my data? I just went to the Stanford Center page data browser and,
>> selected my monitors and the latest ones I'm seeing are dated on
>> September 7th..I'm puzzled indeed
>>
>
>
>

2037. RE: [Super_SID] Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-24 17:09:26 UTC
From: Keith Payea
Topic: 2010 Message: 2037

Pablo:

There are about a dozen SuperSIDs in Southern California alone, and hundreds of them across the US. I’m sure a secret, non reported military signal would have been reported not just by other SuperSID users, but many other people who monitor VLF on their own. My money is on a relatively local solar power installation.

Regards,

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Saturday, September 23, 2017 16:34
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Newbie looking for Supersid software manual

On the 16.1khz signal front I had one more thing to try, I have one of those Harbor freight 45w solar panels feeding a couple of batteries for my main Ham radio Station (In case of an earthquake I figure, no electricity OR phones of any kind for about 48hrs). I turned off the solar charging unit to see if that was the culprit, but unfortunately that signal continues unabated, fades and disappears at night and reappears in the morning.. Maybe it's a secret non reported military signal? After all with the North Korea thing going on..who knows?

2038. Re: Advice to newby.

Yahoo group: Super_SID
Date: 2017-09-25 11:23:05 UTC
From: dave.roesimons625@...
Topic: 1989 Message: 2038

Ok, the system has run for a while, and it's time to seek the advice of the more experienced of you.

NWC is 2850 kms (1780mi) from my receiver, the others considerably more.

NWC is the onlt transmitter without an ocean in between itself and my reciever.

Are my readings adequate? Please refer to the plots supplied.

Thanks and regards, with anticipation,

Dave

2039. Re: Advice to newby.

Yahoo group: Super_SID
Date: 2017-09-25 11:35:56 UTC
From: dave.roesimons625@...
Topic: 1989 Message: 2039

Plots are in the albums, NWC is last of all.

2040. Re: [Super_SID] Re: Advice to newby.

Yahoo group: Super_SID
Date: 2017-09-25 16:59:50 UTC
From: Steve Berl
Topic: 1989 Message: 2040

I think you sent the wrong images.All I see is 2 photos of some sort of frame. Might be your antenna? -steve

On Mon, Sep 25, 2017 at 4:35 AM, dave.roesimons625@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Plots are in the albums, NWC is last of all.
>
>

--
-steve

2041. Identifying frequency source.

Yahoo group: Super_SID
Date: 2017-09-26 08:46:33 UTC
From: dave.roesimons625@...
Topic: 2041 Message: 2041

I have been recieving a constant signal between 44063 and 44117hz since I started recording on my SID about 2 weeks ago.

It peaks cleanly and is probably the second strongest signal I am recieving.

I cannot find any reference to its source, so should I suspect that it is a local phenomenon?

I can provide images of the plots if needed.

Dave

2042. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-27 19:40:08 UTC
From: pablotwa1@...
Topic: 2010 Message: 2042
Attachments: 3 described; binary payloads are missing from this source WARC

Hi Keith OK, I submit to your explanation. I mounted the loop 10 feet up now on a rotatable pole and I am getting the following display. (Capture 1) The 16.1khz signal fades when the loop faces north/south..Oh well not a clean graph, I guess I live in an electromagnetic noisy environment. I added two more screen grabs of the mini computer. Only 99$ and the monitor emulator (very necessary!) only about $9. I have several doing single duty as weather sky alert detection for my optical observatory, and attached to several other telescopes I have which I use to run sequence generator pro and other software as well as an all sky camera. These computers are FULL PC's running windows 10 no limitation whatsoever (other than capacity only 32 gig built in but I add a 128gig flashdrive for pics if needed). They use very little power and are very small and can be mounted anywhere. Do let me know if you get these pics otherwise I will email them to you. I find this yahoo system to be very limited, cumbersome and frankly obsolete maybe we could migrate this to Facebook?
Best!

2043. RE: [Super_SID] Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-27 20:49:10 UTC
From: Keith Payea
Topic: 2010 Message: 2043

Hi Pablo:

Looks great. Unless you are lucky to live in some remote area, EMI is a fact of life...

What software do you use to remotely access the headless computers?

Regards

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, September 27, 2017 12:40
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Newbie looking for Supersid software manual

Hi Keith

OK, I submit to your explanation. I mounted the loop 10 feet up now on a rotatable pole and I am getting the following display. (Capture 1) The 16.1khz signal fades when the loop faces north/south..Oh well not a clean graph, I guess I live in an electromagnetic noisy environment. I added two more screen grabs of the mini computer. Only 99$ and the monitor emulator (very necessary!) only about $9. I have several doing single duty as weather sky alert detection for my optical observatory, and attached to several other telescopes I have which I use to run sequence generator pro and other software as well as an all sky camera. These computers are FULL PC's running windows 10 no limitation whatsoever (other than capacity only 32 gig built in but I add a 128gig flashdrive for pics if needed). They use very little power and are very small and can be mounted anywhere. Do let me know if you get these pics otherwise I will email them to you. I find this yahoo system to be very limited, cumbersome and frankly obsolete maybe we could migrate this to Facebook?

Best!

2044. Re: Newbie looking for Supersid software manual

Yahoo group: Super_SID
Date: 2017-09-27 21:16:44 UTC
From: pablotwa1@...
Topic: 2010 Message: 2044

Keith https://www.teamviewer.us/ https://www.teamviewer.us/

I use the FREE (Yes free) program "Teamviewer" . You access it from ANY computer, Ipad,Iphone<Galaxy anything and it will emulate the desktop so no matter where you are in the world or what device you use you always have full access to the mini PC desktop as if you were there. It works like a charm and I use it for my remote observatory, sky alert weather, sky camera etc. You can control the mini PC from your MAC with no modifications whatsoever because the MAC or vice versa will open a window and will allow you to control the PC as if your MAC were a PC. Great for Astronomers who only have a MAC and need a PC to run astronomy programs, you buy this system for $100 and you're now on a full PC.
Pablo

2045. Re: Advice to newby.

Yahoo group: Super_SID
Date: 2017-10-03 03:03:38 UTC
From: dave.roesimons625@...
Topic: 1989 Message: 2045

https://groups.yahoo.com/neo/groups/Super_SID/photos/photostream
https://groups.yahoo.com/neo/groups/Super_SID/photos/photostream

I hope this links you to the plots.

2046. Re: [Super_SID] Re: Advice to newby.

Yahoo group: Super_SID
Date: 2017-10-03 16:00:10 UTC
From: Steve Berl
Topic: 1989 Message: 2046

Most of your NWC and some of your NPM plots look really good.

-steve

On Mon, Oct 2, 2017 at 8:03 PM, dave.roesimons625@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> https://groups.yahoo.com/neo/groups/Super_SID/photos/photostream
>
> I hope this links you to the plots.
>
>
>

--
-steve

2047. Re: [Super_SID] Re: Advice to newby.

Yahoo group: Super_SID
Date: 2017-10-05 08:18:32 UTC
From: dave.roesimons625@...
Topic: 1989 Message: 2047

Thanks Steve. Should I be aiming for 6/6?

I have recently swapped out NML and NLK for VTX2 (17000) and FTA (20900) and will give them a week to see how they behave. With the Monsoon season firing up I expect a significant amount of electrical interference as signals transverse the equator, but this is only an uneducated guess.

I used spectrum lab to make my decisions based upon its VLF id component, hoping that by changing the configuration IO/audio menu to USB soundcard (96000) that the readings would be indicative.

All opinions are gratefully received.

Thanks, Dave

2048. Re: Y-axis unit for SID

Yahoo group: Super_SID
Date: 2017-10-10 15:06:19 UTC
From: Deborah Scherrer
Topic: 2048 Message: 2048

The units do not mean anything. Each instrument is different and the
units are specific to that instrument.

Deborah

On 10/10/17 12:18 AM, NUR AIN ZAKARIA wrote:
> Hi from Malaysia.
> Attached is my data from Malaysia station.
> I have problem to identify unit for Y-axis it is in dB or dBm?
> Thanks and Best Regards
>
> Nur Ain Binti Zakaria
>
> Postgraduate Student
> Faculty of Electrical Engineering
> Universiti Teknologi MARA (UiTM)
> 40450, Shah Alam,
> Selangor
> MALAYSIA
> h/p:+60166663643

2049. good SID article

Yahoo group: Super_SID
Date: 2017-10-10 16:29:54 UTC
From: Deborah Scherrer
Topic: 2049 Message: 2049

https://www.researchgate.net/publication/320113852_Pulsations_in_the_Earth%27s_Lower_Ionosphere_Synchronized_with_Solar_Flare_Emission_Flaring_pulsations_detected_in_D-region

Debbie

2050. Fail to read data from PortAudio

Yahoo group: Super_SID
Date: 2017-10-10 20:24:24 UTC
From: Ciprian Sufitchi
Topic: 2050 Message: 2050

Hello,

I am facing now a problem with SuperSid 1.2.2 running on a Windows 10 Pro computer. The program works fine, I only have problems when I remote desktop to that machine. The computer is located in garage so most of the time I do not have access to the local console. On that computer there are more applications running 24/7. When I connect from other PC to the SuperSid computer I always have remote sound setting as “Play on remote computer” not to upset the audio connection between microphone input and the program.

If I begin a remote desktop session on the SuperSid computer, once I start SuperSid everything is fine, the program works as expected and it will stay like this as long as my remote desktop is open. After I close the remote desktop session, I am not sure if program works anymore or not, but fact is that if I reopen the remote desktop session the program is crashed with this popup message: “Fail to read data from PortAudio. Please check.” Same error would occur if I try to login from the console, not remotely. A similar problem may occur after the program has started in a local console session. When I try to remote desktop into SuperSid computer, the application will eventually crash with “Fail to read data from PortAudio”.

No other application that uses audio input or output is affected by my remote desktop session, only SuperSid. Does anyone use successfully Remote Desktop to connect to computers running SuperSid? I may need some special settings.

Thanks,

Chip

2051. Re: Fail to read data from PortAudio

Yahoo group: Super_SID
Date: 2017-10-11 07:00:27 UTC
From: jpbolengo@...
Topic: 2050 Message: 2051

Use Teamviewer instad of MSTC. All will be fine then.

2052. Tidying up loose ends.

Yahoo group: Super_SID
Date: 2017-10-11 07:35:51 UTC
From: dave.roesimons625@...
Topic: 2052 Message: 2052

I am now relatively confident that I can contribute to the super-SID Stanford data bank, and did so today.

Plots can be found if you wish by searching dsimonssouthaustrali in the monitor search section.

I have however a question based upon the country of location section. My config file has had both Australia and AUSTRALIA added to it but it is not showing in the database under 'Location'. Why might this be, and how may I rectify this?

Secondly, I note that with the unreliable power here, that when mains drops out the interval between the drop out and the battery kicking in on this laptop causes the Super-SID programme to close, and recording naturally ceases.

I caught it today at about 0630 UTC and almost immediately restarted (only a matter of seconds) but a new plot began. Will this affect the upload tomorrow or will both plots be recorded and then 'stitched' together? Is there a way (requirement) to do it manually from this end?

Regards and thanks, Dave

2053. RE: [Super_SID] Re: Fail to read data from PortAudio

Yahoo group: Super_SID
Date: 2017-10-11 16:33:12 UTC
From: Ciprian Sufitchi
Topic: 2050 Message: 2053

Thank you and I appreciate your suggestion.

I know Teamviewer would fix the problem, as a replacement for Remote Desktop. However the reason I have all the applications running on Windows 10 Professional platform is to be able to take advantage of Remote Desktop server. All applications are running fine, with only one exception, SuperSid. I would be rather tempted to fix SuperSid than replace the remote connection software.

Thanks,

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, October 11, 2017 3:00 AM
To: Super_SID@yahoogroups.com
Subject: [Super_SID] Re: Fail to read data from PortAudio

Use Teamviewer instad of MSTC. All will be fine then.

2054. Re: [Super_SID] Re: Fail to read data from PortAudio

Yahoo group: Super_SID
Date: 2017-10-11 16:48:51 UTC
From: Steve Berl
Topic: 2050 Message: 2054

There are more recent versions than those included in the SuperSID
distribution of pyAudio and PortAudio libraries available that might have
some fixes for Windows 10.

We can see if the problem is with PortAudio by trying to run another
program that uses that library, but uses the more recent version. I thing
Audacity might be a good test. Have you tried to run that and record
something remotely? You can find it at
http://www.audacityteam.org/download/windows/

-steve

On Wed, Oct 11, 2017 at 9:33 AM, 'Ciprian Sufitchi' ciprian@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Thank you and I appreciate your suggestion.
>
> I know Teamviewer would fix the problem, as a replacement for Remote
> Desktop. However the reason I have all the applications running on Windows
> 10 Professional platform is to be able to take advantage of Remote Desktop
> server. All applications are running fine, with only one exception,
> SuperSid. I would be rather tempted to fix SuperSid than replace the remote
> connection software.
>
>
>
> Thanks,
>
> Chip
>
>
>
> *From:* Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Wednesday, October 11, 2017 3:00 AM
> *To:* Super_SID@yahoogroups.com
> *Subject:* [Super_SID] Re: Fail to read data from PortAudio
>
>
>
>
>
>
> Use Teamviewer instad of MSTC. All will be fine then.
>
>

>

--
-steve

2055. Re: [Super_SID] Tidying up loose ends.

Yahoo group: Super_SID
Date: 2017-10-11 18:15:03 UTC
From: Deborah Scherrer
Topic: 2052 Message: 2055

Unless things have changed, there should not be a keyword for "Location"
in your config file. You should use "Country".

Deborah

On 10/11/17 12:35 AM, dave.roesimons625@... [Super_SID] wrote:
>
> I am now relatively confident that I can contribute to the super-SID
> Stanford data bank, and did so today.
>
>
> Plots can be found if you wish by searching dsimonssouthaustrali in
> the monitor search section.
>
>
> I have however a question based upon the country of location section.
> My config file has had both Australia and AUSTRALIA added to it but it
> is not showing in the database under 'Location'. Why might this be,
> and how may I rectify this?
>
>
> Secondly, I note that with the unreliable power here, that when mains
> drops out the interval between the drop out and the battery kicking in
> on this laptop causes the Super-SID programme to close, and recording
> naturally ceases.
>
>
> I caught it today at about 0630 UTC and almost immediately restarted
> (only a matter of seconds) but a new plot began. Will this affect the
> upload tomorrow or will both plots be recorded and then 'stitched'
> together? Is there a way (requirement) to do it manually from this end?
>
>
> Regards and thanks, Dave
>
>

2056. Re: [Super_SID] Tidying up loose ends.

Yahoo group: Super_SID
Date: 2017-10-11 16:38:47 UTC
From: Steve Berl
Topic: 2052 Message: 2056

Great to hear. What database were you looking at "location"?

The most important thing is to get your latitude and longitude correct.
Make sure to get the signs correct. Not sure what city you are in but
Sydney is around latitude=-34, longitude=150.

-steve

On Wed, Oct 11, 2017 at 12:35 AM, dave.roesimons625@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> I am now relatively confident that I can contribute to the super-SID
> Stanford data bank, and did so today.
>
>
> Plots can be found if you wish by searching dsimonssouthaustrali in the
> monitor search section.
>
>
> I have however a question based upon the country of location section. My
> config file has had both Australia and AUSTRALIA added to it but it is not
> showing in the database under 'Location'. Why might this be, and how may I
> rectify this?
>
>
> Secondly, I note that with the unreliable power here, that when mains
> drops out the interval between the drop out and the battery kicking in on
> this laptop causes the Super-SID programme to close, and recording
> naturally ceases.
>
>
> I caught it today at about 0630 UTC and almost immediately restarted (only
> a matter of seconds) but a new plot began. Will this affect the upload
> tomorrow or will both plots be recorded and then 'stitched' together? Is
> there a way (requirement) to do it manually from this end?
>
>
> Regards and thanks, Dave
>
>
>

--
-steve

2057. Re: [Super_SID] Tidying up loose ends.

Yahoo group: Super_SID
Date: 2017-10-11 21:27:55 UTC
From: dave.roesimons625@...
Topic: 2052 Message: 2057

Country in the config file is Australia. I used lat and long to about 4 decimal places.

The database I am referring to is the Stanford one.

2058. Re: [Super_SID] Tidying up loose ends.

Yahoo group: Super_SID
Date: 2017-10-11 21:40:08 UTC
From: Deborah Scherrer
Topic: 2052 Message: 2058

I checked your data here. They are correct. The "Country" keyword
reports "Australia" so that is working.
Deborah

On 10/11/17 2:27 PM, dave.roesimons625@... [Super_SID] wrote:
>
> Country in the config file is Australia. I used lat and long to about
> 4 decimal places.
>
>
> The database I am referring to is the Stanford one.
>

2059. RE: [Super_SID] Re: Fail to read data from PortAudio

Yahoo group: Super_SID
Date: 2017-10-12 03:51:01 UTC
From: Ciprian Sufitchi
Topic: 2050 Message: 2059

Hi Steve,

Thanks for suggestion. Apparently Audacity has a similar problem. After I start to record via Remote Desktop from a local source (microphone) I disconnect my RDP connection leaving recording going on. Once I log back I contemplate the recording being stopped. The real problem is that RDP would disconnect local audio streams on close. I saw many people complaining about this and they call it a bug. Bug or not, this is the cause of SuperSid failure to keep running when I connect/disconnect remotely. Until this problem is fixed (if ever), I would have to use some other simple method to connect to my garage PC and check the program's health. Teamviewer is a little too much for this, so I tried Chrome Remote Dektop. It is not as nice as RDP, but is simple, I only need a browser and it works the way I wanted.

Thank you all for help.

Chip

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Wednesday, October 11, 2017 12:49 PM
To: Super_SID@yahoogroups.com
Subject: Re: [Super_SID] Re: Fail to read data from PortAudio

There are more recent versions than those included in the SuperSID distribution of pyAudio and PortAudio libraries available that might have some fixes for Windows 10.

We can see if the problem is with PortAudio by trying to run another program that uses that library, but uses the more recent version. I thing Audacity might be a good test. Have you tried to run that and record something remotely? You can find it at http://www.audacityteam.org/download/windows/

-steve

On Wed, Oct 11, 2017 at 9:33 AM, 'Ciprian Sufitchi' ciprian@... <mailto:ciprian@...> [Super_SID] <Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com> > wrote:

Thank you and I appreciate your suggestion.

I know Teamviewer would fix the problem, as a replacement for Remote Desktop. However the reason I have all the applications running on Windows 10 Professional platform is to be able to take advantage of Remote Desktop server. All applications are running fine, with only one exception, SuperSid. I would be rather tempted to fix SuperSid than replace the remote connection software.

Thanks,

Chip

From: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
[mailto:Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>]
Sent: Wednesday, October 11, 2017 3:00 AM
To: Super_SID@yahoogroups.com <mailto:Super_SID@yahoogroups.com>
Subject: [Super_SID] Re: Fail to read data from PortAudio

Use Teamviewer instad of MSTC. All will be fine then.

--

-steve

2060. Fwd: Original VLF Monitor Receiver

Yahoo group: Super_SID
Date: 2017-10-12 19:28:46 UTC
From: Deborah Scherrer
Topic: 2060 Message: 2060

Stanford has no more frequency boards for the old SIDs. Sorry. But there might be some unused ones out there in the community, so I've coped the Super_SID yahoo group.

Also, you might consider upgrading to a SuperSID. To get an application, talk with Keith Payea, also copied above.

Deborah Scherrer

-------- Forwarded Message --------
Subject: Original VLF Monitor Receiver
Date: Thu, 12 Oct 2017 14:45:05 -0400
From: Gary Memory <radiomemory@...>
To: dscherrer@...

Deborah,

Can you tell me if frequency boards are still available for the older model Stanford EDU/SID VLF Monitor receiver (red chassis). Or, can you or someone tell me if it is possible to reset or change an existing frequency board?

I have a receiver set to 25.2 KHz (NML), but would like to receive data from other transmitters using this same receiver.

Thanks for your help!

Gary Memory, N7BRJ

2061. Re: [Super_SID] Tidying up loose ends.

Yahoo group: Super_SID
Date: 2017-10-14 06:20:40 UTC
From: dave.roesimons625@...
Topic: 2052 Message: 2061

Thanks

2062. Re: Tidying up loose ends.

Yahoo group: Super_SID
Date: 2017-10-15 05:25:56 UTC
From: dave.roesimons625@...
Topic: 2052 Message: 2062

Now I'm in a position to compare results with an indication of quality against others, it is obvious that the readings from across the equator are pretty terrible.

I've been looking for another southern hemisphere ulf/vlf source which is reliable, but other than NWC, nothing is easily found on the net.

Anyone have any suggestions?

In a week or so I'll build a different antenna to see if that helps also.

2063. Y-axis unit for SID

Yahoo group: Super_SID
Date: 2017-10-10 07:18:03 UTC
From: NUR AIN ZAKARIA
Topic: 2048 Message: 2063
Attachments: 1 described; binary payloads are missing from this source WARC

Hi from Malaysia.Attached is my data from Malaysia station.I have problem to identify unit for Y-axis it is in dB or dBm? Thanks and Best Regards
Nur Ain Binti Zakaria
Postgraduate StudentFaculty of Electrical EngineeringUniversiti Teknologi MARA (UiTM)40450, Shah Alam,SelangorMALAYSIAh/p:+60166663643

2064. Re: [Super_SID] Y-axis unit for SID [1 Attachment]

Yahoo group: Super_SID
Date: 2017-10-16 17:32:47 UTC
From: Steve Berl
Topic: 2048 Message: 2064

The units of the y axis are arbitrary. They are t calibrated. The just represent relative signal strength.

Not 100% sure but I think the scale is linear, not logarithmic.

Steve

On Mon, Oct 16, 2017 at 10:29 AM NUR AIN ZAKARIA nurainzakaria@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#m_7270217490472200914_TopText> from NUR AIN ZAKARIA
> nurainzakaria@... [Super_SID] included below]
>
> Hi from Malaysia.
> Attached is my data from Malaysia station.
> I have problem to identify unit for Y-axis it is in dB or dBm?
>
> Thanks and Best Regards
>
> Nur Ain Binti Zakaria
>
> Postgraduate Student
> Faculty of Electrical Engineering
> Universiti Teknologi MARA (UiTM)
> 40450, Shah Alam,
> Selangor
> MALAYSIA
> h/p:+60166663643
>
>
>
--
-steve

2065. Re: [Super_SID] good SID article

Yahoo group: Super_SID
Date: 2017-10-21 05:46:48 UTC
From: Gbenga Adesunloro
Topic: 2049 Message: 2065

I want to find out if I can get the AWESOME SID monitoror is there a new version?

Adesunloro Gbenga M. Higherground
Social /Development Consultant,
Director, Strategic Knowledge Management & M&E,
Visioneer, Raising Champions International
Member, Research Networking,
Secretary, Research Meeting Group,
Member, E-learning Group The Federal Polytechnic, Ado Ekiti.
Advisor, Society of Amateur Radio Astronomers, Students Association
E-mails: adesunloro_gm@...
higherground4gm@...,
gadesunloro@...
Mobile No : +2348063041951
Edublog: gm.adesunloro@...,
Facebook : GM higherground, Adesunloro Gbenga Mic.
Twitter: @gmadesunloro
Linkdln: gmadesunloro
www.kidsnteensngo.org
... Do ALL you can, in every way u can, to everyone you can, as long as you can and it will come back to you.

On Tue, Oct 10, 2017 at 17:30, Deborah Scherrer dscherrer@...
[Super_SID]<Super_SID@yahoogroups.com> wrote:
https://www.researchgate.net/publication/320113852_Pulsations_in_the_Earth%27s_Lower_Ionosphere_Synchronized_with_Solar_Flare_Emission_Flaring_pulsations_detected_in_D-region

Debbie

2066. Re: *****SPAM***** Re: [Super_SID] good SID article

Yahoo group: Super_SID
Date: 2017-10-22 03:36:42 UTC
From: Deborah Scherrer
Topic: 2049 Message: 2066

The AWESOME monitors are no longer available. There is a newer version of the SID monitor, called SuperSID. It is less expensive than the original SIDs but the capabilities are roughly similar, though the SuperSIDs can monitor more than 1 station.

If you are interested, Keith Payea, copied above, can send you an application form.

Deborah Scherrer

On 10/20/17 10:46 PM, Gbenga Adesunloro wrote:
> I want to find out if I can get the AWESOME SID monitor
> or is there a new version?
>
>
> Adesunloro Gbenga M. Higherground
> Social /Development Consultant,
> Director, Strategic Knowledge Management & M&E,
> Visioneer, Raising Champions International
> Member, Research Networking,
> Secretary, Research Meeting Group,
> Member, E-learning Group The Federal Polytechnic, Ado Ekiti.
> Advisor, Society of Amateur Radio Astronomers, Students Association
> E-mails: adesunloro_gm@...
> higherground4gm@...,
> gadesunloro@...
> Mobile No : +2348063041951
> Edublog: gm.adesunloro@...,
> Facebook : GM higherground, Adesunloro Gbenga Mic.
> Twitter: @gmadesunloro
> Linkdln: gmadesunloro
> www.kidsnteensngo.org
> ... Do ALL you can, in every way u can, to everyone you can, as long
> as you can and it will come back to you.
>
> On Tue, Oct 10, 2017 at 17:30, Deborah Scherrer
> dscherrer@... [Super_SID]
> <Super_SID@yahoogroups.com> wrote:
>
> https://www.researchgate.net/publication/320113852_Pulsations_in_the_Earth%27s_Lower_Ionosphere_Synchronized_with_Solar_Flare_Emission_Flaring_pulsations_detected_in_D-region
>
> Debbie
>
>

2067. Re: [Super_SID] good SID article

Yahoo group: Super_SID
Date: 2017-10-29 23:21:08 UTC
From: Deborah Scherrer
Topic: 2049 Message: 2067

Anyone want to help this person?

Thanks.
Debbie

-------- Forwarded Message --------
Subject: *****SPAM***** Re: *****SPAM***** Re: [Super_SID] good SID
article
Date: Sun, 29 Oct 2017 20:28:57 +0000 (UTC)
From: Gbenga Adesunloro <gadesunloro@...>
Reply-To: gadesunloro@... <gadesunloro@...>
To: Deborah Scherrer <dscherrer@...>

Thanks. We have the SuperSID, courtesy of SARA. I had sent you the
inauguration, the construction of the loop antenna and the installation.
Presently, the system crashed. We are having compatibility issues with
a new system that we got.
Loading the software gives error message.

Adesunloro Gbenga M. Higherground
Social /Development Consultant,
Director, Strategic Knowledge Management & M&E,
Visioneer, Raising Champions International
Member, Research Networking,
Secretary, Research Meeting Group,
Member, E-learning Group The Federal Polytechnic, Ado Ekiti.
Advisor, Society of Amateur Radio Astronomers, Students Association
E-mails: adesunloro_gm@...
higherground4gm@...,
gadesunloro@...
Mobile No : +2348063041951
Edublog: gm.adesunloro@...,
Facebook : GM higherground, Adesunloro Gbenga Mic.
Twitter: @gmadesunloro
Linkdln: gmadesunloro
www.kidsnteensngo.org
... Do ALL you can, in every way u can, to everyone you can, as long as
you can and it will come back to you.

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<dscherrer@...> wrote:
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version of the SID monitor, called SuperSID. It is less expensive
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If you are interested, Keith Payea, copied above, can send you an application form.

Deborah Scherrer

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>
> Debbie
>
>

2068. Re: [Super_SID] good SID article

Yahoo group: Super_SID
Date: 2017-10-31 16:07:22 UTC
From: Steve Berl
Topic: 2049 Message: 2068

Hi. Heard you are having problems with your SuperSID software. First is to make sure you are using the correct version. Please pick up the latest (v1.2.2) from http://solar-center.stanford.edu/SID/Distribution/

If you are still getting errors, please tell us what the error messages are.

Steve

On Sun, Oct 29, 2017 at 4:21 PM, Deborah Scherrer <dscherrer@....edu> wrote:

> Anyone want to help this person?
>
> Thanks.
> Debbie
>
>
> -------- Forwarded Message --------
> Subject: *****SPAM***** Re: *****SPAM***** Re: [Super_SID] good SID
> article
> Date: Sun, 29 Oct 2017 20:28:57 +0000 (UTC)
> From: Gbenga Adesunloro <gadesunloro@...> <gadesunloro@yahoo.com>
> Reply-To: gadesunloro@... <gadesunloro@...>
> <gadesunloro@...>
> To: Deborah Scherrer <dscherrer@...>
> <dscherrer@...>
>
> Thanks. We have the SuperSID, courtesy of SARA. I had sent you the
> inauguration, the construction of the loop antenna and the installation.
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>
> Debbie
>
>
>
>
>

--
-steve

2069. Re: [Super_SID] good SID article

Yahoo group: Super_SID
Date: 2017-11-01 08:52:15 UTC
From: Gbenga Adesunloro
Topic: 2049 Message: 2069

Thanks so much. I will explore the link download, and install.

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Anyone want to help this person?

Thanks.
Debbie

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Reply-To:	gadesunloro@... <gadesunloro@...>
To:	Deborah Scherrer <dscherrer@...>

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Debbie

--
-steve

2070. Sunrise Sunset pattern upside down

Yahoo group: Super_SID
Date: 2017-11-07 01:52:07 UTC
From: adamkahan@...
Topic: 2070 Message: 2070

Hi all,
We have a 1m antenna set up out here in Cambodia. We get a clear sunrise sunset pattern. However, we register a drop at sunset which stays low during the night followed by a rise in signal strength at sunrise. I believe it should rise at night and drop during the day. Could this be caused by destructive interference? Anyone have any thoughts?
Much appreciated,
-Adam

2071. Re: [Super_SID] Sunrise Sunset pattern upside down

Yahoo group: Super_SID
Date: 2017-11-07 17:55:38 UTC
From: Deborah Scherrer
Topic: 2070 Message: 2071

Yes, it's destructive interference. Not unusual.
Deborah

On 11/6/17 5:52 PM, adamkahan@... [Super_SID] wrote:
>
> Hi all,
>
> We have a 1m antenna set up out here in Cambodia. We get a clear
> sunrise sunset pattern. However, we register a drop at sunset which
> stays low during the night followed by a rise in signal strength at
> sunrise. I believe it should rise at night and drop during the day.
> Could this be caused by destructive interference? Anyone have any
> thoughts?
>
> Much appreciated,
>
> -Adam
>
>

2072. Config time offset requirements

Yahoo group: Super_SID
Date: 2017-11-07 18:30:52 UTC
From: pablotwa1@...
Topic: 2072 Message: 2072

Hi and thank you for reading this, I have my SuperSID config file set for -7 hrs which was the pacific daylight time in the summer. Now that we're back to pacific standard time, should I change the offset to -8 ?

Thank you!

Pablo Lewin (LPAC)

2073. Re: [Super_SID] Config time offset requirements

Yahoo group: Super_SID
Date: 2017-11-07 18:32:55 UTC
From: Deborah Scherrer
Topic: 2072 Message: 2073

Actually, none of our software uses that keyword. So I wouldn't worry about it.
Deborah

On 11/7/17 10:30 AM, pablotwa1@... [Super_SID] wrote:
>
> Hi and thank you for reading this, I have my SuperSID config file set
> for -7 hrs which was the pacific daylight time in the summer. Now that
> we're back to pacific standard time, should I change the offset to -8 ?
>
>
> Thank you!
>
>
> Pablo Lewin (LPAC)
>
>

2074. Re: Config time offset requirements

Yahoo group: Super_SID
Date: 2017-11-07 19:02:10 UTC
From: pablotwa1@...
Topic: 2072 Message: 2074

Thank you Dr Scherrer, you're saying that I should leave it at -7 then? because UTC for me now is -8...

2075. Re: [Super_SID] Re: Config time offset requirements

Yahoo group: Super_SID
Date: 2017-11-07 19:22:10 UTC
From: Deborah Scherrer
Topic: 2072 Message: 2075

You can change it or leave it, as you so choose. None of the Stanford software uses that field so it doesn't make any difference to us.
Deborah

On 11/7/17 11:02 AM, pablotwa1@... [Super_SID] wrote:
>
> Thank you Dr Scherrer, you're saying that I should leave it at -7
> then? because UTC for me now is -8...
>
>

2076. Re: Config time offset requirements

Yahoo group: Super_SID
Date: 2017-11-07 21:07:00 UTC
From: pablotwa1@...
Topic: 2072 Message: 2076

Got it, thank you!

2077. Re: [Super_SID] good SID article

Yahoo group: Super_SID
Date: 2017-11-01 08:52:15 UTC
From: Gbenga Adesunloro
Topic: 2049 Message: 2077

Thanks so much. I will explore the link download, and install.

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Anyone want to help this person?

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From:	Gbenga Adesunloro <gadesunloro@...>
Reply-To:	gadesunloro@... <gadesunloro@...>
To:	Deborah Scherrer <dscherrer@...>

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Debbie

--
-steve

2078. RE: [Educational Outreach] SuperSID monitor (Sent by Babara Rafferty, brafferty@waterfordschools.org)

Yahoo group: Super_SID
Date: 2017-11-17 13:38:18 UTC
From: Jon Wallace
Topic: 2078 Message: 2078
Attachments: 3 described; binary payloads are missing from this source WARC

Barbara and the SuperSID group,

Barbara is having issues with her SuperSID and sent some pictures of the initial screen (hopefully those are attached and make it through) - it definitely isn't right and I'm afraid I don't know what to do to fix that, so I forwarded this to the SuperSID group to see if you can do something to help. I've always found you to be very friendly and helpful and you are the real experts.

Barbara, please let me know how you make out and if you need additional help and I'll try to find someone to help out. Best of luck!

Jon Wallace

> On November 17, 2017 at 8:01 AM Barbara Rafferty <BRafferty@...> wrote:
>
>
> Thank you for your response Jon. We are using a desktop. I have attached some pictures of the antennae, the set up and what I am seeing on the screen when I come into school in the mornings. Am I seeing a definite sunrise signal there? Also, instead of Maine, it looks like I am getting a stronger signal from Australia. Do you have an idea of what kind of strength of signal I should be getting? Most of the signals at the bottom of the graph are .2 or .3 and Australia is 2.5- 3.1. We are on the 3rd floor of our school building with one story above us. But, we have and aluminum roof. Do you think the roof may be interfering? I know the fluorescent lights do. We are going to try to move it to our library on the first floor next week. They have only LED lighting there and are near an open door to the courtyard. Thank you for any help you can give us.
>
>
>
> Barbara
>
>
>
> From: Jon Wallace [mailto:wallacefj@...]
> Sent: Wednesday, November 15, 2017 2:52 PM
> To: Barbara Rafferty; Contact form at Society of Amateur Radio Astronomers; ap_guardian@...
> Subject: Re: [Educational Outreach] SuperSID monitor (Sent by Babara Rafferty, brafferty@...)
>
>
>
> Hi,
>

> I used to teach in CT but now live in ME so I'll try to help remotely. I am no expert but ... First, are you using a laptop or desktop computer? I found that laptops are INCREDIBLY noisy and I finally (after trying a number of filters and line noise blockers - which didn't work!) went with an old desktop and have had no problems. I assume you are looking at the spectrum screen when you run the program (shows frequencies along the horizontal and intensity along the vertical) - you should see very distinct peaks representing the various stations you can detect. If you see only noise on this graphic, you are probably using a laptop or have other noise issues.
>
> Before I go much further, could you get back to me on this and I'll try to go further when I see where you are and what's happening more clearly.
>
> Take care and hang in there - it is a cool device!
>
> Jon Wallace
>
> > >
> > On November 15, 2017 at 1:40 PM Contact form at Society of Amateur Radio Astronomers wrote:
> >
> >
> > Babara Rafferty (brafferty@... mailto:brafferty@...) sent a message using the
> > contact form at http://www.radio-astronomy.org/contact/Educational-Outreach http://www.radio-astronomy.org/contact/Educational-Outreach .
> >
> > I have purchased and set up a SuperSID monitor with my 9th grade students. I
> > think that we are getting too much interference (noise) in our signal. I am
> > going to try and move the antennae to different locations around our school
> > to see if we can get a stronger signal. However, I am not sure what strength
> > of signal is normal. We are looking at a definitive drop at sunrise, but the
> > rest of the noise floor is very low and I cannot click on any peaks during
> > the day to see where the signal is coming from. Is there a local person in or
> > near our community that can act as a mentor for my classroom to help us with
> > the technical aspects of setting up the antennae?
> >
> > Barbara Rafferty
> > Waterford High School
> > Science Teacher
> > Waterford, CT. 06385
> >
> > >

2079. RE: [Super_SID] RE: [Educational Outreach] SuperSID monitor (Sent by Babara Rafferty, brafferty@waterfordschools.org) [3 Attachments]

Yahoo group: Super_SID
Date: 2017-11-17 17:01:53 UTC
From: Keith Payea
Topic: 2078 Message: 2079

Hello Barbara:

It looks like the sample rate on your sound card is not set to 96KHz. Unfortunately, setting the sample rate in supersid.cfg does not change the actual hardware sampling rate, it just tells the SuperSID software what to display.

The methods vary depending on which OS you have, but generally you need to get into the settings for the sound card and change it. There might be a button or tab labeled “Advanced” when looking at the sound card properties.

Here’s how I do it in Windows 7 (there are other ways):

1) Right click on the speaker icon in the lower right near the clock

2) Select “Recording Devices”

3) Double click on the Microphone input for the sound card

4) Go to the “Advanced” Tab

5) Select “2 Channel, 16 bit, 96KHz (Studio Quality)”

6) Click “OK” on each window to close them

7) Restart SuperSID.

Now you should start to see some peaks in the spectrum around 24 KHz and the noise floor will extend all the way to the right.

Regards,

Keith

From: Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
Sent: Friday, November 17, 2017 05:38
To: Barbara Rafferty
Cc: Super_SID@yahoogroups.com, SuperSID group; Bill and Melinda Lord
Subject: [Super_SID] RE: [Educational Outreach] SuperSID monitor (Sent by Babara Rafferty, brafferty@...) [3 Attachments]

[Attachment(s) from Jon Wallace included below]

Barbara and the SuperSID group,

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Barbara, please let me know how you make out and if you need additional help and I'll try to find someone to help out. Best of luck!

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From: Jon Wallace [mailto:wallacefj@...]
Sent: Wednesday, November 15, 2017 2:52 PM
To: Barbara Rafferty; Contact form at Society of Amateur Radio Astronomers; ap_guardian@...
Subject: Re: [Educational Outreach] SuperSID monitor (Sent by Babara Rafferty, brafferty@...)

Hi,

I used to teach in CT but now live in ME so I'll try to help remotely. I am no expert but ... First, are you using a laptop or desktop computer? I found that laptops are INCREDIBLY noisy and I finally (after trying a number of filters and line noise blockers - which didn't work!) went with an old desktop and have had no problems. I assume you are looking at the spectrum screen when you run the program (shows frequencies along the horizontal and intensity along the vertical) - you should see very distinct peaks representing the various stations you can detect. If you see only noise on this graphic, you are probably using a laptop or have other noise issues.

Before I go much further, could you get back to me on this and I'll try to go further when I see where you are and what's happening more clearly.

Take care and hang in there - it is a cool device!

Jon Wallace

On November 15, 2017 at 1:40 PM Contact form at Society of Amateur Radio Astronomers wrote:

Babara Rafferty (brafferty@...) sent a message using the
contact form at http://www.radio-astronomy.org/contact/Educational-Outreach.

I have purchased and set up a SuperSID monitor with my 9th grade students. I
think that we are getting too much interference (noise) in our signal. I am
going to try and move the antennae to different locations around our school

to see if we can get a stronger signal. However, I am not sure what strength of signal is normal. We are looking at a definitive drop at sunrise, but the rest of the noise floor is very low and I cannot click on any peaks during the day to see where the signal is coming from. Is there a local person in or near our community that can a! ct as a mentor for my classroom to help us with the technical aspects of setting up the antennae?

Barbara Rafferty
Waterford High School
Science Teacher
Waterford, CT. 06385

2080. Re: [Super_SID] RE: [Educational Outreach] SuperSID monitor (Sent by Babara Rafferty, brafferty@waterfordschools.org)

Yahoo group: Super_SID
Date: 2017-11-17 17:55:57 UTC
From: Deborah Scherrer
Topic: 2078 Message: 2080

Nice response, Keith. Thanks.
D

On 11/17/17 9:01 AM, 'Keith Payea' kpayea@... [Super_SID] wrote:
>
> Hello Barbara:
>
> It looks like the sample rate on your sound card is not set to 96KHz.
> Unfortunately, setting the sample rate in supersid.cfg does not change
> the actual hardware sampling rate, it just tells the SuperSID software
> what to display.
>
> The methods vary depending on which OS you have, but generally you
> need to get into the settings for the sound card and change it. There
> might be a button or tab labeled “Advanced” when looking at the sound
> card properties.
>
> Here’s how I do it in Windows 7 (there are other ways):
>
> 1)Right click on the speaker icon in the lower right near the clock
>
> 2)Select “Recording Devices”
>
> 3)Double click on the Microphone input for the sound card
>
> 4)Go to the “Advanced” Tab
>
> 5)Select “2 Channel, 16 bit, 96KHz (Studio Quality)”
>
> 6)Click “OK” on each window to close them
>
> 7)Restart SuperSID.
>
> Now you should start to see some peaks in the spectrum around 24 KHz
> and the noise floor will extend all the way to the right.
>
> Regards,
>
> Keith
>
> *From:*Super_SID@yahoogroups.com [mailto:Super_SID@yahoogroups.com]
> *Sent:* Friday, November 17, 2017 05:38
> *To:* Barbara Rafferty
> *Cc:* Super_SID@yahoogroups.com, SuperSID group; Bill and Melinda Lord

> *Subject:* [Super_SID] RE: [Educational Outreach] SuperSID monitor
> (Sent by Babara Rafferty, brafferty@...) [3 Attachments]
>
> *[Attachment(s) <#TopText> from Jon Wallace included below]*
>
> Barbara and the SuperSID group,
>
> Barbara is having issues with her SuperSID and sent some pictures of
> the initial screen (hopefully those are attached and make it through)
> - it definitely isn't right and I'm afraid I don't know what to do to
> fix that, so I forwarded this to the SuperSID group to see if you can
> do something to help. I've always found you to be very friendly and
> helpful and you are the real experts.
>
> Barbara, please let me know how you make out and if you need
> additional help and I'll try to find someone to help out. Best of luck!
>
> Jon Wallace
>
> On November 17, 2017 at 8:01 AM Barbara Rafferty
> <BRafferty@waterfordschools..org
> <mailto:BRafferty@...>> wrote:
>
> Thank you for your response Jon. We are using a desktop. I have
> attached some pictures of the antennae, the set up and what I am
> seeing on the screen when I come into school in the mornings. Am I
> seeing a definite sunrise signal there? Also, instead of Maine, it
> looks like I am getting a stronger signal from Australia. Do you
> have an idea of what kind of strength of signal I should be
> getting? Most of the signals at the bottom of the graph are .2 or
> .3 and Australia is 2.5- 3.1. We are on the 3rd floor of our
> school building with one story above us. But, we have and aluminum
> roof. Do you think the roof may be interfering? I know the
> fluorescent lights do. We are going to try to move it to our
> library on the first floor next week. They have only LED lighting
> there and are near an open door to the courtyard. Thank you for
> any help you can give us.
>
> Barbara
>
> *From:*Jon Wallace [mailto:wallacefj@...]
> *Sent:* Wednesday, November 15, 2017 2:52 PM
> *To:* Barbara Rafferty; Contact form at Society of Amateur Radio
> Astronomers; ap_guardian@... <mailto:ap_guardian@...>
> *Subject:* Re: [Educational Outreach] SuperSID monitor (Sent by
> Babara Rafferty, brafferty@waterfordschools..org
> <mailto:brafferty@...>)
>
> Hi,
>

> I used to teach in CT but now live in ME so I'll try to help
> remotely. I am no expert but ... First, are you using a laptop or
> desktop computer? I found that laptops are INCREDIBLY noisy and I
> finally (after trying a number of filters and line noise blockers
> - which didn't work!) went with an old desktop and have had no
> problems. I assume you are looking at the spectrum screen when you
> run the program (shows frequencies along the horizontal and
> intensity along the vertical) - you should see very distinct peaks
> representing the various stations you can detect. If you see only
> noise on this graphic, you are probably using a laptop or have
> other noise issues.
>
> Before I go much further, could you get back to me on this and
> I'll try to go further when I see where you are and what's
> happening more clearly.
>
> Take care and hang in there - it is a cool device!
>
> Jon Wallace
>
> On November 15, 2017 at 1:40 PM Contact form at Society of
> Amateur Radio Astronomers wrote:
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> Babara Rafferty (brafferty@waterfordschools..org
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> going to try and move the antennae to different locations
> around our school
> to see if we can get a stronger signal. However, I am not sure
> what strength
> of signal is normal. We are looking at a definitive drop at
> sunrise, but the
> rest of the noise floor is very low and I cannot click on any
> peaks during
> the day to see where the signal is coming from. Is there a
> local person in or
> near our community that can a! ct as a mentor for my classroom
> to help us with
> the technical aspects of setting up the antennae?
>
> Barbara Rafferty
> Waterford High School
> Science Teacher

> Waterford, CT. 06385
>
>

2081. Re: [Super_SID] RE: [Educational Outreach] SuperSID monitor (Sent by Babara Rafferty, brafferty@waterfordschools.org) [3 Attachments]

Yahoo group: Super_SID
Date: 2017-11-18 16:12:26 UTC
From: Steve Berl
Topic: 2078 Message: 2081

Looks like the sample rate on your sound card might be set to 48k instead
of 96k.
Can you get to the audio recording settings and try to change that?

-steve

On Fri, Nov 17, 2017 at 5:38 AM, Jon Wallace wallacefj@...
[Super_SID] <Super_SID@yahoogroups.com> wrote:

>
> [Attachment(s) <#m_612336833660992591_TopText> from Jon Wallace included
> below]
>
> Barbara and the SuperSID group,
>
> Barbara is having issues with her SuperSID and sent some pictures of the
> initial screen (hopefully those are attached and make it through) - it
> definitely isn't right and I'm afraid I don't know what to do to fix that,
> so I forwarded this to the SuperSID group to see if you can do something to
> help. I've always found you to be very friendly and helpful and you are the
> real experts.
>
> Barbara, please let me know how you make out and if you need additional
> help and I'll try to find someone to help out. Best of luck!
>
> Jon Wallace
>
> On November 17, 2017 at 8:01 AM Barbara Rafferty <
> BRafferty@...> wrote:
>
> Thank you for your response Jon. We are using a desktop. I have attached
> some pictures of the antennae, the set up and what I am seeing on the
> screen when I come into school in the mornings. Am I seeing a definite
> sunrise signal there? Also, instead of Maine, it looks like I am getting a
> stronger signal from Australia. Do you have an idea of what kind of
> strength of signal I should be getting? Most of the signals at the bottom
> of the graph are .2 or .3 and Australia is 2.5- 3.1. We are on the 3rd
> floor of our school building with one story above us. But, we have and
> aluminum roof. Do you think the roof may be interfering? I know the
> fluorescent lights do. We are going to try to move it to our library on the
> first floor next week. They have only LED lighting there and are near an
> open door to the courtyard. Thank you for any help you can give us.
>
>

>
> Barbara
>
>
>
> *From:* Jon Wallace [mailto:wallacefj@...]
> *Sent:* Wednesday, November 15, 2017 2:52 PM
> *To:* Barbara Rafferty; Contact form at Society of Amateur Radio
> Astronomers; ap_guardian@...
> *Subject:* Re: [Educational Outreach] SuperSID monitor (Sent by Babara
> Rafferty, brafferty@...)
>
>
>
> Hi,
>
> I used to teach in CT but now live in ME so I'll try to help remotely. I
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> found that laptops are INCREDIBLY noisy and I finally (after trying a
> number of filters and line noise blockers - which didn't work!) went with
> an old desktop and have had no problems. I assume you are looking at the
> spectrum screen when you run the program (shows frequencies along the
> horizontal and intensity along the vertical) - you should see very distinct
> peaks representing the various stations you can detect. If you see only
> noise on this graphic, you are probably using a laptop or have other noise
> issues.
>
> Before I go much further, could you get back to me on this and I'll try to
> go further when I see where you are and what's happening more clearly.
>
> Take care and hang in there - it is a cool device!
>
> Jon Wallace
>
> On November 15, 2017 at 1:40 PM Contact form at Society of Amateur Radio
> Astronomers wrote:
>
>
>
> Babara Rafferty (brafferty@...) sent a message using the
> contact form at http://www.radio-astronomy.org/contact/Educational-
> Outreach.
>
> I have purchased and set up a SuperSID monitor with my 9th grade students.
> I
> think that we are getting too much interference (noise) in our signal. I am
> going to try and move the antennae to different locations around our school
> to see if we can get a stronger signal. However, I am not sure what
> strength
> of signal is normal. We are looking at a definitive drop at sunrise, but
> the

> rest of the noise floor is very low and I cannot click on any peaks during
> the day to see where the signal is coming from. Is there a local person in
> or
> near our community that can act as a mentor for my classroom to help us
> with
> the technical aspects of setting up the antennae?
>
> Barbara Rafferty
> Waterford High School
> Science Teacher
> Waterford, CT. 06385
>
>
>

--
-steve

2082. request for advice to improve my reception

Yahoo group: Super_SID
Date: 2017-12-21 13:37:12 UTC
From: wallacefj@...
Topic: 2082 Message: 2082

Hi,
I have a SuperSID that I've use for years but I can only get NAA (I live in Maine so this may be the issue - got many signals while in CT before I retired and moved). I have a 3' loop made with the standard wiring provided by SARA. It is located in my basement - probably not the best location. Currently I get a 70 dB signal from NAA and a 50 dB signal around 19.5KHz and that's it showing above noise floor. Would I need a larger antenna or need to move to a different location or add a pre-amp or some other device to increase signal strength to receive more signals?
Thanks for any help you can provide!
Jon Wallace

2083. Re: [Super_SID] request for advice to improve my reception

Yahoo group: Super_SID
Date: 2017-12-23 01:44:44 UTC
From: Steve Berl
Topic: 2082 Message: 2083

First thing I would try is to raise the antenna out of the basement. Earth
is a pretty good shielding against radio waves.

-steve

On Thu, Dec 21, 2017 at 5:37 AM, wallacefj@... [Super_SID] <
Super_SID@...m> wrote:

>
>
> Hi,
>
> I have a SuperSID that I've use for years but I can only get NAA (I live
> in Maine so this may be the issue - got many signals while in CT before I
> retired and moved). I have a 3' loop made with the standard wiring provided
> by SARA. It is located in my basement - probably not the best location.
> Currently I get a 70 dB signal from NAA and a 50 dB signal around 19.5KHz
> and that's it showing above noise floor. Would I need a larger antenna or
> need to move to a different location or add a pre-amp or some other device
> to increase signal strength to receive more signals?
>
> Thanks for any help you can provide!
>
> Jon Wallace
>
>
>

--
-steve

2084. homemade SID instrument

Yahoo group: Super_SID
Date: 2018-01-12 01:28:21 UTC
From: Deborah Scherrer
Topic: 2084 Message: 2084

A colleague in India, Jigar Bhanderi, has managed to construct his own SID instrument from diagrams and information on our website. And, with this instrument he has been able to identify flares, which he reported to us. Here are his comments:

Comments: I got know-how about this activity, when i saw it on website of stanford solar center, and i followed instructions to make antenna. I used PVC pipes(dimeter:1 in) for supportive structure, which has vertical as well as horizontal maximum length of 96.69 inch. I tried to make hexagonal structure. I wound 950 meter long magnet wire of 23 gauge in my antenna, and the number of turns are 116. I made the circuit by observing schematics and layouts, which are provided on Stanford's website. I uploaded image of antenna and circuit on google drive.

https://drive.google.com/open?id=1MHXo5J6u5sTh4slbNlStZTz-xf6gDqoS

https://drive.google.com/open?id=1R2KdZ94x8JrBol5Vbixvq9gFfkiDvlFp

I've sent congratulations to Jigar, and hope he chooses to join in conversations with this group!

Deborah

2085. Phillip Fimiani sent you a dropbox file

Yahoo group: Super_SID
Date: 2018-01-15 16:00:07 UTC
From: Myamiphil
Topic: 2085 Message: 2085

|

|

|
| Make working together easier |

Dropbox Paper is a collaborative workspace that helps teams create and share early ideas.
And it comes free with Dropbox.

With Paper, you'll have one place to:

Create
Express yourself with words, pictures, videos, tables, and more.

Review
Get feedback with real-time comments that feel like conversations.

Organize
Keep everyone in sync with task management tools like to-do lists and due dates.
View Document
|

  Best Regards Phil
KD2HTN / WA2069SWL
Long: 34.210293 Lat:-78.057048
FM04xf 30dl

2086. Poor Performance by SID system

Yahoo group: Super_SID
Date: 2018-01-18 22:55:56 UTC
From: joncaples4iaas@...
Topic: 2086 Message: 2086

Don't forget to check the basics too such as:
> antenna orientation relative to the station(s) you are trying to receive
>length, quality, and condition of your coax cable (the longer it is the more loss, if you buy crappy cable it will fail sooner and yes all coax fails eventually, if it has tight turns or kinks it will not perform well)
>push on connectors usually do not work as well as properly installed crimp on or solder on

Be thoughtful and systematic in your trouble shooting! Good luck and ask questions.

Jon Caples

2087. Previously submitted errata for SID manual

Yahoo group: Super_SID
Date: 2018-01-18 23:10:30 UTC
From: joncaples4iaas@...
Topic: 2087 Message: 2087

About two years ago I submitted a detailed errata for the SID Manual. Does anyone have a copy and can you send it to me? It was sent using a now closed account at yahoo. If you find it please send it to me at joncaples4iaas@hotmail.com. Many thanks!!!!!!!!!!!!!!!

Jon

2088. Re: [Super_SID] Previously submitted errata for SID manual

Yahoo group: Super_SID
Date: 2018-01-19 00:47:32 UTC
From: Steve Berl
Topic: 2087 Message: 2088

What was the old email address. Easier to search based on that.

-steve

On Thu, Jan 18, 2018 at 3:10 PM, joncaples4iaas@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> About two years ago I submitted a detailed errata for the SID Manual.
> Does anyone have a copy and can you send it to me? It was sent using a now
> closed account at yahoo. If you find it please send it to me at
> joncaples4iaas@.... Many thanks!!!!!!!!!!!!!!!
>
>
> Jon
>
>
>

--
-steve

2089. Re: Previously submitted errata for SID manual

Yahoo group: Super_SID
Date: 2018-01-22 20:42:51 UTC
From: joncaples4iaas@...
Topic: 2087 Message: 2089

Hello Steve,

Thanks for reply the old address was jon.caples@yahoo.com

Jon

2090. Re: homemade SID instrument

Yahoo group: Super_SID
Date: 2018-01-22 20:52:10 UTC
From: joncaples4iaas@...
Topic: 2084 Message: 2090

Hello Deborah,

Within the last two years I think you received an erratum for the SID manual for me. Part of it covered mistakes between the older and new user manuals and what actually works in the config file.

Please find these emails and send them back to me. I can't find the originals and hope to avoid the pain (and time!) trying to figure the information again.

Thank you,

Jon Caples

2091. Re: Super SID revision process?

Yahoo group: Super_SID
Date: 2018-02-05 20:12:43 UTC
From: Deborah Scherrer
Topic: 2091 Message: 2091

Jon, actually I haven't been involved with the SID monitors for years and years. Stanford turned it all over to the Society of Amateur Radio Astronomers, who are absolutely fabulous people! The primary communication mechanism is the yahoo group. I'll forward your message along to them. You are just the kind of people we need to improve the system!

Debbie

On 2/5/18 11:59 AM, Jon Caples wrote:
>
> Hola,
>
>
> What language is used? My coding skills are way rusty having last
> worked in FORTRAN. Most of my work was in systems engineering, man
> machine interface and, as the boss said Jon get with whoever to make
> this thing work correctly! To save time probably better to work with
> folks who can fix the code but need help know what to fix.
>
>
> The few users near us have been helpful but they seem to more
> interested in forwarding data than performing analysis. Also, they
> have multiple retired professional astronomers and aerospace engineers
> as resources to draw on and tremendous community support (funding,
> physical plant, equipment, etc.). Our group has three adults one of
> whom is Dr. Jim Moravec but the rest of us have varied backgrounds and
> one works full time. We have limited support other than ourselves.
>
>
> The goal is to improve SID by making it easier to use especially for
> groups like ours or a high school group that may be lead by a science
> teacher whose degree is in physical education (as was one at my high
> school!).
>
>
> The hardware works great! Some parts of the software work great!
> Other parts of the software well frankly, I can't tell if they work at
> all! As an example the only way I've found to use the PLOT routine is
> to start SID leave it running then select PLOT (while leaving the SID
> window open and displaying data) and selecting historic files. Waste
> of processor time and video resources. Numerous examples in the
> documentation show graphs with data for several transmitters displayed
> labeled with Call Sign. The documentation says to click on a peak to
> see these labels, but after trying numerous things no Call Sign labels

> appear on my screen.
>
>
> Are you starting to understand the frustrations on this end? Would
> the best approach at this point be to send you a list of what we have
> found to date then continue forward?
>
>
> Thank you again!
>
>
> Jon
>
>
> ---
> *From:* Deborah Scherrer <dscherrer@...>
> *Sent:* Monday, February 5, 2018 12:25
> *To:* Jon Caples
> *Cc:* Jaap Akkerhuis
> *Subject:* Re: Super SID revision process?
> Jon, there is no process. We are all volunteers and there are no
> particular Leaders who determine a process. We all just do what we
> can, as in any open software system. In fact, most of the 1076
> systems we've distributed work just fine, and people find a way to get
> around whatever problems they might encounter.
>
> The SID website holds the current distribution:
> http://solar-center.stanford.edu/SID/Distribution/
> <http://solar-center.stanford.edu/SID/Distribution/>
> Space Weather Monitors- Stanford SOLAR Center
> <http://solar-center.stanford.edu/SID/Distribution/>
> solar-center.stanford.edu
> Documentation Documentation for SID and SuperSID. Many of these are
> also available in Spanish, Chinese, and Russian SuperSID Distributions
> Current SuperSID ...
>
>
> Jaap tested it very recently by downloading, installing, and running
> it. It worked.
>
> I suspect the community would be thrilled if you were able to make the
> documentation changes and contribute them. There is not official place
> to drop code, but Jaap has been extra helpful along those lines. If
> you could make the changes, he could double-check them. Then all
> could be made available both on the yahoo group and the Stanford Solar
> Center.
>
> Debbie
>
>

> On 2/5/18 8:06 AM, Jon Caples wrote:
>>
>> Hello again,
>>
>>
>> Please briefly explain the Super Sid documentation and software
>> revision process, associated timelines and responsible parties. The
>> closer we look the more things we find that appear to be errors we
>> find. If there is a deadline for the next revision our goal will be
>> to meet that if possible, but we need to know when it is.
>>
>>
>> Unfortunately, discerning errors is difficult because:
>>
>>
>> 1-What is displayed on the computer monitor does not match the
>> guidance in the documentation.
>>
>>
>> 2-Information contained in the text and illustrations in the
>> documentation is not clear or sometimes is contradictory.
>>
>>
>> 3-There is no simple step by step how to setup a .cfg file (we are
>> working on one).
>>
>>
>> 4-Your continued support is vital for our unraveling the mysteries of
>> SID and improving it for the community.
>>
>>
>> Thank you!
>>
>>
>> Jon
>>
>>
>> PS-Would you like to have a copy of my resume to become familiar with
>> my education and experience?
>>
>

2092. Re: [Super_SID] Re: Super SID revision process?

Yahoo group: Super_SID
Date: 2018-02-05 20:59:54 UTC
From: Steve Berl
Topic: 2091 Message: 2092

Hi Jon and Deborah,

It is great you are interested in improving the SuperSID environment.

A few things I know about that can be done:

1) Improving documentation to better match the current software release.

Seems like you had a bunch of update to documentation but they have been lost.
The documents on the web site appear to be PDF files. It would be great if we could get the original source documents that were used to create these PDF files (are the MS Word or some similar format?). That would make it easy to update.

Deborah, do you know where those might be?

2) Client side software improvements

The software is written in python and the source is part of the distribution. Jaap
Jaap Akkerhuis (< jakkerhuis@...> or <jaap@nlnetlabs.nl > or < jaap.akker@...> Not sure which he prefers these days) is official keeper of the distributions as far as I can tell. I have sent him code changes in the past and he has incorporated some of them into distributions.
There are also a few github.com repositories.
I set one up a few years back to experiment with some fixes for various problems. https://github.com/sberl/supersid It has a master branch with was the official distribution and some other branches where I was playing around.
There is also one that Eric Gilbert set up https://github.com/ericgibert/supersid. If I remember correctly, his main driver was making things work well on Linux/RaspberryPi. It does look like there was some recent activity there.
3) Configuration Creation
I've had in my mind for a while a tool to help create configuration files, but have not implemented any of it. I've imagined a web based form that would walk you through a bunch of questions and then generate a cfg file for you that you would download and use.
The goal would be to reduce cfg file errors. One of the most common errors is bad data for the latitude and longitude of the monitor, as well as typos in the monitor and station ID values. A tool could make most of those problems go away.
4) Server side software improvements
I've had some thoughts about improving data upload and web site side of things. A few thoughts in random order:

- Uploading data currently uses FTP, but the standard FTP server
software and the protocol in general are known security risks. Some network
admins are blocking it in their firewalls. It might be good to upgrade
things to support other file transfer protocols such as HTTP/S or sftp
- The web site for displaying data
http://sid.stanford.edu/database-browser/browse.jsp is old and using old
versions of software. It would be good to update it. It might even make
sense to reimplement the whole thing in a more modern web programming
model, maybe javascript or something like that.

There's lots more, but it would be good to know what is important to you,
and what you have resources to help with.

-steve

On Mon, Feb 5, 2018 at 12:12 PM, Deborah Scherrer
dscherrer@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> Jon, actually I haven't been involved with the SID monitors for years and
> years. Stanford turned it all over to the Society of Amateur Radio
> Astronomers, who are absolutely fabulous people! The primary
> communication mechanism is the yahoo group. I'll forward your message
> along to them. You are just the kind of people we need to improve the
> system!
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> Debbie
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> On 2/5/18 11:59 AM, Jon Caples wrote:
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> Hola,
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> What language is used? My coding skills are way rusty having last worked
> in FORTRAN. Most of my work was in systems engineering, man machine
> interface and, as the boss said Jon get with whoever to make this thing
> work correctly! To save time probably better to work with folks who can
> fix the code but need help know what to fix.
>
>
> The few users near us have been helpful but they seem to more interested
> in forwarding data than performing analysis. Also, they have multiple
> retired professional astronomers and aerospace engineers as resources to
> draw on and tremendous community support (funding, physical plant,
> equipment, etc.). Our group has three adults one of whom is Dr. Jim
> Moravec but the rest of us have varied backgrounds and one works full
> time. We have limited support other than ourselves.
>
>
> The goal is to improve SID by making it easier to use especially for
> groups like ours or a high school group that may be lead by a science

> teacher whose degree is in physical education (as was one at my high
> school!).
>
> The hardware works great! Some parts of the software work great! Other
> parts of the software well frankly, I can't tell if they work at all! As
> an example the only way I've found to use the PLOT routine is to start SID
> leave it running then select PLOT (while leaving the SID window open and
> displaying data) and selecting historic files. Waste of processor time and
> video resources. Numerous examples in the documentation show graphs with
> data for several transmitters displayed labeled with Call Sign. The
> documentation says to click on a peak to see these labels, but after trying
> numerous things no Call Sign labels appear on my screen.
>
>
> Are you starting to understand the frustrations on this end? Would the
> best approach at this point be to send you a list of what we have found to
> date then continue forward?
>
>
> Thank you again!
>
>
> Jon
>
> ------------------------------
> *From:* Deborah Scherrer <dscherrer@...>
> <dscherrer@...>
> *Sent:* Monday, February 5, 2018 12:25
> *To:* Jon Caples
> *Cc:* Jaap Akkerhuis
> *Subject:* Re: Super SID revision process?
>
> Jon, there is no process. We are all volunteers and there are no
> particular Leaders who determine a process. We all just do what we can, as
> in any open software system. In fact, most of the 1076 systems we've
> distributed work just fine, and people find a way to get around whatever
> problems they might encounter.
>
> The SID website holds the current distribution:
> http://solar-center.stanford.edu/SID/Distribution/
> Space Weather Monitors- Stanford SOLAR Center
> <http://solar-center.stanford.edu/SID/Distribution/>
> solar-center.stanford.edu
> Documentation Documentation for SID and SuperSID. Many of these are also
> available in Spanish, Chinese, and Russian SuperSID Distributions Current
> SuperSID ...
>
> Jaap tested it very recently by downloading, installing, and running it.
> It worked.
>

> I suspect the community would be thrilled if you were able to make the
> documentation changes and contribute them. There is not official place to
> drop code, but Jaap has been extra helpful along those lines. If you could
> make the changes, he could double-check them. Then all could be made
> available both on the yahoo group and the Stanford Solar Center.
>
> Debbie
>
>
> On 2/5/18 8:06 AM, Jon Caples wrote:
>
> Hello again,
>
>
> Please briefly explain the Super Sid documentation and software revision
> process, associated timelines and responsible parties. The closer we look
> the more things we find that appear to be errors we find. If there is a
> deadline for the next revision our goal will be to meet that if possible,
> but we need to know when it is.
>
>
> Unfortunately, discerning errors is difficult because:
>
>
> 1-What is displayed on the computer monitor does not match the guidance in
> the documentation.
>
>
> 2-Information contained in the text and illustrations in the documentation
> is not clear or sometimes is contradictory.
>
>
> 3-There is no simple step by step how to setup a .cfg file (we are working
> on one).
>
>
> 4-Your continued support is vital for our unraveling the mysteries of SID
> and improving it for the community.
>
>
> Thank you!
>
>
> Jon
>
>
> PS-Would you like to have a copy of my resume to become familiar with my
> education and experience?
>
>

>
>
>

--
-steve

2093. Re: [Super_SID] Re: Super SID revision process?

Yahoo group: Super_SID
Date: 2018-02-05 21:08:03 UTC
From: Deborah Scherrer
Topic: 2091 Message: 2093

I have all the original .docx files. I would love to send these, and a
lot of other files, off to someone. Just let me know who.

Debbie

On 2/5/18 12:59 PM, Steve Berl steveberl@... [Super_SID] wrote:
> Hi Jon and Deborah,
>
> It is great you are interested in improving the SuperSID environment.
>
> A few things I know about that can be done:
>
> 1) Improving documentation to better match the current software release..
>
> Seems like you had a bunch of update to documentation but they have
> been lost.
> The documents on the web site appear to be PDF files. It would be
> great if we could get the original source documents that were used to
> create these PDF files (are the MS Word or some similar format?). That
> would make it easy to update.
>
> Deborah, do you know where those might be?
>
> 2) Client side software improvements
>
> The software is written in python and the source is part of the
> distribution. Jaap
> Jaap Akkerhuis (< jakkerhuis@... <http://yahoo.com>> or
> <jaap@... <mailto:jaap@...> > or
> <jaap.akker@... <mailto:jaap.akker@...>> Not sure which he
> prefers these days) is official keeper of the distributions as far as
> I can tell. I have sent him code changes in the past and he has
> incorporated some of them into distributions.
> There are also a few github.com <http://github.com> repositories.
> I set one up a few years back to experiment with some fixes for
> various problems. https://github.com/sberl/supersid It has a master
> branch with was the official distribution and some other branches
> where I was playing around.
> There is also one that Eric Gilbert set up
> https://github.com/ericgibert/supersid. If I remember correctly, his
> main driver was making things work well on Linux/RaspberryPi. It does
> look like there was some recent activity there.
> 3) Configuration Creation
> I've had in my mind for a while a tool to help create configuration
> files, but have not implemented any of it. I've imagined a web based

> form that would walk you through a bunch of questions and then
> generate a cfg file for you that you would download and use.
> The goal would be to reduce cfg file errors. One of the most common
> errors is bad data for the latitude and longitude of the monitor, as
> well as typos in the monitor and station ID values. A tool could make
> most of those problems go away.
> 4) Server side software improvements
> I've had some thoughts about improving data upload and web site side
> of things. A few thoughts in random order:
>
> * Uploading data currently uses FTP, but the standard FTP server
> software and the protocol in general are known security risks.
> Some network admins are blocking it in their firewalls. It might
> be good to upgrade things to support other file transfer protocols
> such as HTTP/S or sftp
> * The web site for displaying data
> http://sid.stanford.edu/database-browser/browse.jsp
> <http://sid..stanford.edu/database-browser/browse.jsp> is old and
> using old versions of software. It would be good to update it. It
> might even make sense to reimplement the whole thing in a more
> modern web programming model, maybe javascript or something like that.
>
> There's lots more, but it would be good to know what is important to
> you, and what you have resources to help with.
>
> -steve
>
> On Mon, Feb 5, 2018 at 12:12 PM, Deborah Scherrer
> dscherrer@... <mailto:dscherrer@...>
> [Super_SID] <Super_SID@yahoogroups.com
> <mailto:Super_SID@yahoogroups.com>> wrote:
>
> Jon, actually I haven't been involved with the SID monitors for
> years and years. Stanford turned it all over to the Society of
> Amateur Radio Astronomers, who are absolutely fabulous people!
> The primary communication mechanism is the yahoo group. I'll
> forward your message along to them. You are just the kind of
> people we need to improve the system!
>
> Debbie
>
> On 2/5/18 11:59 AM, Jon Caples wrote:
>>
>> Hola,
>>
>>
>> What language is used? My coding skills are way rusty having
>> last worked in FORTRAN. Most of my work was in systems
>> engineering, man machine interface and, as the boss said Jon get
>> with whoever to make this thing work correctly! To save time

>> probably better to work with folks who can fix the code but need
>> help know what to fix.
>>
>>
>> The few users near us have been helpful but they seem to more
>> interested in forwarding data than performing analysis. Also,
>> they have multiple retired professional astronomers and aerospace
>> engineers as resources to draw on and tremendous community
>> support (funding, physical plant, equipment, etc.). Our group
>> has three adults one of whom is Dr. Jim Moravec but the rest of
>> us have varied backgrounds and one works full time. We have
>> limited support other than ourselves.
>>
>>
>> The goal is to improve SID by making it easier to use especially
>> for groups like ours or a high school group that may be lead by a
>> science teacher whose degree is in physical education (as was one
>> at my high school!).
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>> The hardware works great! Some parts of the software work
>> great! Other parts of the software well frankly, I can't tell if
>> they work at all! As an example the only way I've found to use
>> the PLOT routine is to start SID leave it running then select
>> PLOT (while leaving the SID window open and displaying data) and
>> selecting historic files. Waste of processor time and video
>> resources.. Numerous examples in the documentation show graphs
>> with data for several transmitters displayed labeled with Call
>> Sign. The documentation says to click on a peak to see these
>> labels, but after trying numerous things no Call Sign labels
>> appear on my screen.
>>
>>
>> Are you starting to understand the frustrations on this end?
>> Would the best approach at this point be to send you a list of
>> what we have found to date then continue forward?
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>>
>> Thank you again!
>>
>>
>> Jon
>>
>>
>> ---
>> *From:* Deborah Scherrer <dscherrer@...>
>> <mailto:dscherrer@...>
>> *Sent:* Monday, February 5, 2018 12:25
>> *To:* Jon Caples
>> *Cc:* Jaap Akkerhuis

>> *Subject:* Re: Super SID revision process?
>> Jon, there is no process. We are all volunteers and there are no
>> particular Leaders who determine a process. We all just do what
>> we can, as in any open software system. In fact, most of the
>> 1076 systems we've distributed work just fine, and people find a
>> way to get around whatever problems they might encounter.
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>> The SID website holds the current distribution:
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>> Space Weather Monitors- Stanford SOLAR Center
>> <http://solar-center.stanford.edu/SID/Distribution/>
>> solar-center.stanford.edu <http://solar-center.stanford.edu>
>> Documentation Documentation for SID and SuperSID. Many of these
>> are also available in Spanish, Chinese, and Russian SuperSID
>> Distributions Current SuperSID ...
>>
>>
>> Jaap tested it very recently by downloading, installing, and
>> running it. It worked.
>>
>> I suspect the community would be thrilled if you were able to
>> make the documentation changes and contribute them. There is not
>> official place to drop code, but Jaap has been extra helpful
>> along those lines. If you could make the changes, he could
>> double-check them. Then all could be made available both on the
>> yahoo group and the Stanford Solar Center.
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>> Debbie
>>
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>> On 2/5/18 8:06 AM, Jon Caples wrote:
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>>> Hello again,
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>>>
>>> Please briefly explain the Super Sid documentation and software
>>> revision process, associated timelines and responsible parties.
>>> The closer we look the more things we find that appear to be
>>> errors we find. If there is a deadline for the next revision
>>> our goal will be to meet that if possible, but we need to know
>>> when it is.
>>>
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>>> Unfortunately, discerning errors is difficult because:
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>>> 1-What is displayed on the computer monitor does not match the
>>> guidance in the documentation.
>>>

>>>
>>> 2-Information contained in the text and illustrations in the
>>> documentation is not clear or sometimes is contradictory.
>>>
>>>
>>> 3-There is no simple step by step how to setup a .cfg file (we
>>> are working on one).
>>>
>>>
>>> 4-Your continued support is vital for our unraveling the
>>> mysteries of SID and improving it for the community.
>>>
>>>
>>> Thank you!
>>>
>>>
>>> Jon
>>>
>>>
>>> PS-Would you like to have a copy of my resume to become familiar
>>> with my education and experience?
>>>
>>
>
>
>
>
> --
> -steve
>

2094. SuperSID database?

Yahoo group: Super_SID
Date: 2018-02-05 23:10:42 UTC
From: rjvnyc@...
Topic: 2094 Message: 2094

Hello all,

I am trying to learn how I might download a large chunk of data, for example a year's worth at a time.

Is there a way to download large tranches or search for specific epochs of interest?

Thanks
Bob Vosatka, PhD

2095. Re: [Super_SID] SuperSID database?

Yahoo group: Super_SID
Date: 2018-02-06 19:35:49 UTC
From: Deborah Scherrer
Topic: 2094 Message: 2095

Yes. The SID data are stored in Stanford/NASA's JSOC database system,
which holds NASA's SDO data. You can access the data through that
system and get all you want. However, the interface is quite difficult,
especially if you are not familiar with the SDO data formats and types.
I will try to get you additional information...

Deborah

On 2/5/18 3:10 PM, rjvnyc@... [Super_SID] wrote:
>
> Hello all,
>
>
> I am trying to learn how I might download a large chunk of data, for
> example a year's worth at a time.
>
> Is there a way to download large tranches or search for specific
> epochs of interest?
>
>
> Thanks
>
> Bob Vosatka, PhD
>
>

2096. Re: [Super_SID] SuperSID database?

Yahoo group: Super_SID
Date: 2018-02-06 23:05:41 UTC
From: Deborah Scherrer
Topic: 2094 Message: 2096

I have the information from Phil and am writing it up even as we speak.
Will post it when done.
Deborah

On 2/6/18 2:54 PM, Bob wrote:
> Hi Deborah-
>
> Thank you!
>
> I have a pedestrian knowledge of ArcGIS (mapping undocumented villages
> in the Congo) so I may have a tiny bit of knowledge in the area to
> help me take out what I am looking for.
>
> Thank you in advance for any kind assistance you may offer.
>
> -Bob
>
> On Tue, Feb 6, 2018 at 2:35 PM, Deborah Scherrer
> <dscherrer@... <mailto:dscherrer@...>>
> wrote:
>
> Yes. The SID data are stored in Stanford/NASA's JSOC database
> system, which holds NASA's SDO data. You can access the data
> through that system and get all you want. However, the interface
> is quite difficult, especially if you are not familiar with the
> SDO data formats and types. I will try to get you additional
> information...
>
> Deborah
>
>
>
> On 2/5/18 3:10 PM, rjvnyc@... <mailto:rjvnyc@...>
> [Super_SID] wrote:
>>
>> Hello all,
>>
>>
>> I am trying to learn how I might download a large chunk of data,
>> for example a year's worth at a time.
>>
>> Is there a way to download large tranches or search for specific
>> epochs of interest?
>>
>>

>> Thanks
>>
>> Bob Vosatka, PhD
>>
>>
>
>

2097. Operating SID insiden a metal building

Yahoo group: Super_SID
Date: 2018-02-06 23:19:15 UTC
From: joncaples4iaas@...
Topic: 2097 Message: 2097

Last week IAAS (International Association for Astronomical Studies) set up our SID system, including the antenna, inside an aluminum building. The results were phenomenally good! Unfortunately, we did not have time to make copies but will do so and post within 10 days.

Jon Caples
Executive Advisor for
International Association for Astronomical Studies and Star Haven Observatory

2098. Re: [Super_SID] SuperSID database?

Yahoo group: Super_SID
Date: 2018-02-06 22:54:54 UTC
From: Bob
Topic: 2094 Message: 2098

Hi Deborah-

Thank you!

I have a pedestrian knowledge of ArcGIS (mapping undocumented villages in the Congo) so I may have a tiny bit of knowledge in the area to help me take out what I am looking for.

Thank you in advance for any kind assistance you may offer.

-Bob

On Tue, Feb 6, 2018 at 2:35 PM, Deborah Scherrer <
dscherrer@...> wrote:

> Yes. The SID data are stored in Stanford/NASA's JSOC database system,
> which holds NASA's SDO data. You can access the data through that system
> and get all you want. However, the interface is quite difficult,
> especially if you are not familiar with the SDO data formats and types. I
> will try to get you additional information...
>
> Deborah
>
>
>
> On 2/5/18 3:10 PM, rjvnyc@gmail.com [Super_SID] wrote:
>
>
>
> Hello all,
>
>
> I am trying to learn how I might download a large chunk of data, for
> example a year's worth at a time.
>
> Is there a way to download large tranches or search for specific epochs of
> interest?
>
>
> Thanks
>
> Bob Vosatka, PhD
>
>
>
>

2099. SID system inside a metal building

Yahoo group: Super_SID
Date: 2018-02-07 01:10:34 UTC
From: joncaples4iaas@...
Topic: 2099 Message: 2099

We IAAS have enjoyed good success with our SID system, including the antenna, inside a metal building. Consider the following:
1-the spectrum in which we are interested easily penetrates hundreds of feet of rock and seawater
2-our building is made mostly of aluminum which is not effective at blocking EM waves
3-there is minimal iron or steel except as a skeletal structure
4-the building is not constructed with bonding or other techniques as you would expect for TEMPEST or other RF containment or shielding
5-we never know if we do not experiment

Within a week original files showing data that has been collected will be posted. We strongly suggest you copy the files and experiment with the copies!

Jon Caples
Executive Adviser
International Association for Astronomical Studies
Star Haven Observatory

Strasburg, Colorado, USA

2100. SID system inside a metal building

Yahoo group: Super_SID
Date: 2018-02-07 01:16:10 UTC
From: joncaples4iaas@...
Topic: 2099 Message: 2100

We IAAS have enjoyed good success with our SID system, including the antenna, inside a metal building. Consider the following:
1-the spectrum in which we are interested easily penetrates hundreds of feet of rock and seawater
2-our building is made mostly of aluminum which is not effective at blocking EM waves
3-there is minimal iron or steel except as a skeletal structure
4-the building is not constructed with bonding or other techniques as you would expect for TEMPEST or other RF containment or shielding
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Within a week original files showing data that has been collected will be posted. We strongly suggest you copy the files and experiment with the copies!

Jon Caples
Executive Adviser
International Association for Astronomical Studies
Star Haven Observatory

Strasburg, Colorado, USA

2101. Re: SID system inside a metal building

Yahoo group: Super_SID
Date: 2018-02-07 03:47:36 UTC
From: Jon Caples
Topic: 2099 Message: 2101

Apologize for multiple postings.

Jon

2102. Re: [Super_SID] SuperSID database?

Yahoo group: Super_SID
Date: 2018-02-11 18:13:38 UTC
From: Deborah Scherrer
Topic: 2094 Message: 2102

Bob, sorry for the delay. I have a document that's almost ready. Will try to get it to you later today.
Deborah

On 2/11/18 10:10 AM, Bob wrote:
> Hi Deborah!
>
> I hope you are well. Thank you for your kind offer to facilitate
> access to this data.
>
> I am traveling this week and on Feb 22 I have an appointment for an
> informal talk with my data science colleagues to develop a plan to
> compare these data to data with closely held data from these data
> scientists.
>
> If fruitful, we will ensure that any observations will be made
> available in a suitable open source, peer reviewed journal. Please
> let me know how I may acknowledge your contributions appropriate
> others and the team involved in maintaining this data.
>
> It sounds like getting access to the data may be taking some time and
> work on your part and I thank you for it. Please let me know if I may
> facilitate your progress.
>
> Regards,
> Bob Vosatka
>
> On Tue, Feb 6, 2018 at 6:05 PM, Deborah Scherrer
> <dscherrer@... <mailto:dscherrer@...>>
> wrote:
>
> I have the information from Phil and am writing it up even as we
> speak. Will post it when done.
> Deborah
>
>
> On 2/6/18 2:54 PM, Bob wrote:
>> Hi Deborah-
>>
>> Thank you!
>>
>> I have a pedestrian knowledge of ArcGIS (mapping undocumented
>> villages in the Congo) so I may have a tiny bit of knowledge in
>> the area to help me take out what I am looking for.
>>

>> Thank you in advance for any kind assistance you may offer.
>>
>> -Bob
>>
>> On Tue, Feb 6, 2018 at 2:35 PM, Deborah Scherrer
>> <dscherrer@...
>> <mailto:dscherrer@...>> wrote:
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>> Yes. The SID data are stored in Stanford/NASA's JSOC database
>> system, which holds NASA's SDO data. You can access the data
>> through that system and get all you want. However, the
>> interface is quite difficult, especially if you are not
>> familiar with the SDO data formats and types. I will try to
>> get you additional information...
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>> Deborah
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>> On 2/5/18 3:10 PM, rjvnyc@... <mailto:rjvnyc@...>
>> [Super_SID] wrote:
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>>> Hello all,
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>>>
>>> I am trying to learn how I might download a large chunk of
>>> data, for example a year's worth at a time.
>>>
>>> Is there a way to download large tranches or search for
>>> specific epochs of interest?
>>>
>>>
>>> Thanks
>>>
>>> Bob Vosatka, PhD
>>>
>>>
>>
>>
>
>

2103. Dual screen Video setup problem?

Yahoo group: Super_SID
Date: 2018-02-15 21:18:58 UTC
From: joncaples4iaas@...
Topic: 2103 Message: 2103

Hello all,

Has anyone else tried running SuperSID in a dual screen video configuration? One of our researchers changed our system from one screen to two and SID no longer seems to be running. Unfortunately, he is not available for a bit and did not leave documentation as to what changes he made (time for configuration and engineering discipline training for all!).

Our leading theory is SID and or the graphics card and or the high speed sound card are no longer playing in harmony. Or the changes to Win7 to enable the dual monitor configuration may be the culprit. To borrow from Shakespeare did we add the eye of newt too soon?

dit dit dit dash dash dash dit dit dit (save our SID)

Thank you for your help,

Jon Caples

2104. Re: [Super_SID] Dual screen Video setup problem?

Yahoo group: Super_SID
Date: 2018-02-16 14:45:27 UTC
From: Gary Memory
Topic: 2103 Message: 2104

Jon,
I am running dual screen (WIN 7) and I have no issue at all. They are side-by-side extensions of the same single screen. I can move the running SID program to either side with a simple mouse grab. Not sure if that helps or not.
Gary
On Thursday, February 15, 2018, 9:13:03 PM EST, joncaples4iaas@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

Hello all,

Has anyone else tried running SuperSID in a dual screen video configuration? One of our researchers changed our system from one screen to two and SID no longer seems to be running. Unfortunately, he is not available for a bit and did not leave documentation as to what changes he made (time for configuration and engineering discipline training for all!).

Our leading theory is SID and or the graphics card and or the high speed sound card are no longer playing in harmony. Or the changes to Win7 to enable the dual monitor configuration may be the culprit. To borrow from Shakespeare did we add the eye of newt too soon?

dit dit dit dash dash dash dit dit dit (save our SID)

Thank you for your help,

Jon Caples

2105. Re: [Super_SID] Dual screen Video setup problem?

Yahoo group: Super_SID
Date: 2018-02-17 21:28:53 UTC
From: joncaples4iaas@...
Topic: 2103 Message: 2105

Hello Gary,

Our display configuration seems to be different because each screen shows a different section of the home screen. Turning one of the screens OFF did not (as I remember) resolve the problem nor did it display the whole home screen as one image.

Current plan is to discontinue use of this system, build another single display system and resume ops with new single display system. Trouble analysis of dual display system will continue as time allows.

This has been an excellent lesson to our research about why they should document what they do, keep records and let us know what they are doing. We applaud their spirit of adventure and curiosity plus now they understand the importance of documentation and discussion. Good object lesson for all.

Jon

2106. Bug in SuperSID client code related to the Plot menu

Yahoo group: Super_SID
Date: 2018-02-21 01:41:30 UTC
From: Steve Berl
Topic: 2106 Message: 2106

It was recently brought to my attention that there was a problem with using the Plot function of the SuperSID program.

If you try to use the Plot -> Plot menu item to draw a plot of a data file that does not reside in the SuperSID/Data/ directory, the SuperSID program may crash. If it doesn't crash, it will probably plot the wrong file (one with the same name, but located in the "Data" directory).

I've proposed a fix for this to the developers, but until a new release of the software comes out, I thought I would let everyone know about this so you don't spend a lot of time scratching your heads and trying to figure out what's going on.

--
-steve

2107. Re: [Super_SID] SuperSID database?

Yahoo group: Super_SID
Date: 2018-02-11 18:19:56 UTC
From: Bob
Topic: 2094 Message: 2107

No apology necessary; I can't thank you enough for your help. Please keep your family and other commitments you may have far above this kind assistance.

-Bob

On Sun, Feb 11, 2018 at 1:13 PM, Deborah Scherrer <dscherrer@solar.stanford.edu> wrote:

> Bob, sorry for the delay. I have a document that's almost ready. Will
> try to get it to you later today.
> Deborah
>
>
> On 2/11/18 10:10 AM, Bob wrote:
>
> Hi Deborah!
>
> I hope you are well. Thank you for your kind offer to facilitate access
> to this data.
>
> I am traveling this week and on Feb 22 I have an appointment for an
> informal talk with my data science colleagues to develop a plan to compare
> these data to data with closely held data from these data scientists.
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> If fruitful, we will ensure that any observations will be made available
> in a suitable open source, peer reviewed journal. Please let me know how I
> may acknowledge your contributions appropriate others and the team involved
> in maintaining this data.
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> It sounds like getting access to the data may be taking some time and work
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> On Tue, Feb 6, 2018 at 6:05 PM, Deborah Scherrer <
> dscherrer@...anford.edu> wrote:
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>> I have the information from Phil and am writing it up even as we speak.
>> Will post it when done.
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>> Hi Deborah-
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>> the Congo) so I may have a tiny bit of knowledge in the area to help me
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>>> Yes. The SID data are stored in Stanford/NASA's JSOC database system,
>>> which holds NASA's SDO data. You can access the data through that system
>>> and get all you want. However, the interface is quite difficult,
>>> especially if you are not familiar with the SDO data formats and types. I
>>> will try to get you additional information...
>>>
>>> Deborah
>>>
>>>
>>>
>>> On 2/5/18 3:10 PM, rjvnyc@... [Super_SID] wrote:
>>>
>>>
>>>
>>> Hello all,
>>>
>>>
>>> I am trying to learn how I might download a large chunk of data, for
>>> example a year's worth at a time.
>>>
>>> Is there a way to download large tranches or search for specific epochs
>>> of interest?
>>>
>>>
>>> Thanks
>>>
>>> Bob Vosatka, PhD
>>>
>>>
>>>
>>>
>>
>>
>

>

2108. Re: [Super_SID] SuperSID database?

Yahoo group: Super_SID
Date: 2018-02-11 18:10:13 UTC
From: Bob
Topic: 2094 Message: 2108

Hi Deborah!

I hope you are well. Thank you for your kind offer to facilitate access to this data.

I am traveling this week and on Feb 22 I have an appointment for an informal talk with my data science colleagues to develop a plan to compare these data to data with closely held data from these data scientists.

If fruitful, we will ensure that any observations will be made available in a suitable open source, peer reviewed journal. Please let me know how I may acknowledge your contributions appropriate others and the team involved in maintaining this data.

It sounds like getting access to the data may be taking some time and work on your part and I thank you for it. Please let me know if I may facilitate your progress.

Regards,
Bob Vosatka

On Tue, Feb 6, 2018 at 6:05 PM, Deborah Scherrer <
dscherrer@...anford.edu> wrote:

> I have the information from Phil and am writing it up even as we speak.
> Will post it when done.
> Deborah
>
>
> On 2/6/18 2:54 PM, Bob wrote:
>
> Hi Deborah-
>
> Thank you!
>
> I have a pedestrian knowledge of ArcGIS (mapping undocumented villages in
> the Congo) so I may have a tiny bit of knowledge in the area to help me
> take out what I am looking for.
>
> Thank you in advance for any kind assistance you may offer.
>
> -Bob
>
> On Tue, Feb 6, 2018 at 2:35 PM, Deborah Scherrer <
> dscherrer@solar.stanford.edu> wrote:
>
>> Yes. The SID data are stored in Stanford/NASA's JSOC database system,

>> which holds NASA's SDO data. You can access the data through that system
>> and get all you want. However, the interface is quite difficult,
>> especially if you are not familiar with the SDO data formats and types. I
>> will try to get you additional information...
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>> On 2/5/18 3:10 PM, rjvnyc@... [Super_SID] wrote:
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>> Hello all,
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>> of interest?
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>>
>> Thanks
>>
>> Bob Vosatka, PhD
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>>
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>>
>
>

2109. Re: [Super_SID] homemade SID instrument

Yahoo group: Super_SID
Date: 2018-02-21 09:18:34 UTC
From: Gohar Ali
Topic: 2084 Message: 2109

Goog work Jigar Bhanderi!

Does it work now properly, because I have built an antenna of 35 turns with pvc pipes.octagonal shape with approx dia of 2meter,but it didn't work the way it Should for supersid preamplifier.
I need your suggestions as I don't get any peaks in the supersid software for any known vlf transmitters.
Regards

On Jan 12, 2018 6:29 AM, "Deborah Scherrer dscherrer@... [Super_SID]" <Super_SID@yahoogroups.com> wrote:

A colleague in India, Jigar Bhanderi, has managed to construct his own SID instrument from diagrams and information on our website. And, with this instrument he has been able to identify flares, which he reported to us. Here are his comments:

Comments: I got know-how about this activity, when i saw it on website of stanford solar center, and i followed instructions to make antenna. I used PVC pipes(dimeter:1 in) for supportive structure, which has vertical as well as horizontal maximum length of 96.69 inch. I tried to make hexagonal structure. I wound 950 meter long magnet wire of 23 gauge in my antenna, and the number of turns are 116. I made the circuit by observing schematics and layouts, which are provided on Stanford's website. I uploaded image of antenna and circuit on google drive.

https://drive.google.com/open?id=1MHXo5J6u5sTh4slbNlStZTz-xf6gDqoS

https://drive.google.com/open?id=1R2KdZ94x8JrBol5Vbixvq9gFfkiDvlFp

I've sent congratulations to Jigar, and hope he chooses to join in conversations with this group!

Deborah

2110. access to SID data via LookData

Yahoo group: Super_SID
Date: 2018-02-21 21:01:00 UTC
From: Deborah Scherrer
Topic: 2110 Message: 2110
Attachments: 1 described; binary payloads are missing from this source WARC

For those of you who would like to peruse and access SID data in more detail than the data browser can give you, I've attached a document that might help. The Stanford JSOC system, which houses this data, was designed for access to data from NASA's Solar Dynamics Observatory. It's not the best fit for SID data, but does work.

Please let me know if you see problems with the document.

Deborah

2111. Re: Thank you! Re: Now I am really curious Re: Three quick ideas

Yahoo group: Super_SID
Date: 2018-02-27 18:13:40 UTC
From: Deborah Scherrer
Topic: 2111 Message: 2111

Steve is correct (see below). Nowhere is the UTC offset used. Besides, if it were used, it would need to be changed twice a year (PDT to PST etc.). It should be taken out of the configuration file.

The original plan was to have the local graphing software adjust the times to local times, for the convenience of the viewer. But this was never implemented.

We should take it out of the config file and everyone in this group -- e*take note to ignore the UTC_Offset valu*e. ;-)

Deborah

On 2/26/18 7:00 PM, Jon Caples wrote:
>
> Since the code doesn't use it why ask for it? For now how about if we
> suggest everyone just enter 0 for now? Eventually let's have it
> deleted since it isn't used.
>
>
> Please try to send me your comments by 1400 MST tomorrow if possible.
> Thanks!
>
>
> Jon
>
> ---
> *From:* Steve Berl <steveberl@...>
> *Sent:* Monday, February 26, 2018 6:18:08 PM
> *To:* Jon Caples
> *Cc:* Deborah Scherrer
> *Subject:* Re: Now I am really curious Re: Three quick ideas
> The SID software doesn't need to know the local time offset. It just
> uses UTC. The option in the configuration file isn't used.
>
> At one point there was a thought that the data browser (the web site
> http://sid.stanford.edu/database-browser/browse.jsp), or the
> supersid_plot.py code might be able to use the stations local time
> offset to display local time on the graphs, but it hasn't been
> implemented.
>
> Whenever the SuperSID software wants to know the time of day, it uses
> the time.gmtime() API call (see
> https://docs.python.org/2/library/time.html). This gives us the
> current UTC time. Local time never appears anywhere in the code.
>

> The computers idea of UTC time comes either from 1) the external time
> server, which is always based on UTC time, or 2) from user
> configuration of the combination of local time AND local time zone
> offset.
>
> This second case is where users can screw things up. It is possible
> for a user to set the time zone wrong, and still get local time to
> appear correct. If you were to set your machine to the correct date
> and time, but said your time zone was actually Los Angeles, your
> systems idea of local time would display correctly, but the UTC time
> would be off by one hour because the system only knows what you told it.
>
> If you later tried to sync with an external time server, it would
> correct the UTC time, but your local time display would now be off by
> an hour.
>
> I don't have much experience with the Windows time service, but I
> think it is working okay on my Win7 system running SuperSID.
>
> A bit of google searching should show how to sync your windows machine
> clock to a time service on the Internet. But if that doesn't work then
> a 3rd party app might be the way to go. I am no expert at Windows.
>
> -steve
>
> On Mon, Feb 26, 2018 at 3:32 PM, Jon Caples
> <joncaples4iaas@... <mailto:joncaples4iaas@...>> wrote:
>
> How does SID obtain UTC? Does it obtain it directly and from where?
>
>
> Or, does it compute it from the computer's local time?
>
>
> Now I am really curious about why we need to enter the receiving
> site's correction to UTC? If as you guys are saying the PC keeps
> time in UTC why do we need to know the difference between local
> and UTC? I know you can select the time zone for your system to
> display but have never seen the system use any time other than the
> displayed user selected time zone.
>
>
> My experience with clocks and time sync in pc's has been very
> unsatisfactory. The clocks drift like crazy. The update
> functions built into windows are virtually useless. We (IAAS)
> found D4 when looking for a way to meet IOTA's .25 sec timing
> accuracy requirement.
>
>
> Just want to suggest these things to make our product better. I

> am not advocating making any of these hard requirements.
>
>
> Confused,
>
>
> Jon
>
>
>
> ---
> *From:* Steve Berl <steveberl@... <mailto:steveberl@...>>
> *Sent:* Monday, February 26, 2018 13:05
> *To:* Jon Caples
> *Cc:* Deborah Scherrer
> *Subject:* Re: Three quick ideas
> Assuming the system is set up correctly, the data is always time
> stamped with UTC time. That assumes the time zone of the system is
> set correctly if the user wants to see local time correctly.
>
> Syncing to a network time source is a good thing but for some
> users may not work as well as others as they have intermittent
> network connectivity.
>
> Internally the Windows system clock is always in UTC time. The
> local time offset is only applied when displaying the time. The
> super did software always uses the API to get UTC time and doesn?t
> really care what local time the computer is displaying.
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> A problem can occur when the computer is misconfigured and not
> syncing to an external time source. The user manually sets a time
> zone and the local date and time. The system then attempts to
> calculate UTC time from this to set the internal system clock. If
> the info is not configured properly then local time will appear
> correct but UTC will be off.
>
> I?m not sure if 3rd party apps are required to sync Windows system
> clock to an external network time service. Isn?t it built in?
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> XP is no longer supported by Microsoft so ideally people will not
> use it for SuperSID, but some people will use it because that?s
> what they have. It would be okay to recommend a supported OS and
> to regularly update the system with patches to keep it secure, but
> we still need to keep those old systems going as often that?s what
> people can get at no cost.
>
> Steve
>
> On Mon, Feb 26, 2018 at 10:46 AM Jon Caples
> <joncaples4iaas@... <mailto:joncaples4iaas@...>>

> wrote:
>
> What do you think of the following suggestions:
>
>
> 1-SID participants set and leave their system clock to UTC?
> This avoids problem adjusting for Daylight Savings etc. and
> most operating systems can display two clocks.
>
>
> 2-Using Thinking Man D4 or other software to keep system clock
> in close sync .01 or .001 sec to an international time standard.
>
>
> 3-Use Windows7 or newer operating system.
>
>
> If possible can you comment today? Rest of this week is
> turning topsy turvey.
>
>
> Thanks,
>
>
> Jon
>
> --
> -steve
>
>
>
>
> --
> -steve

2112. Re: Thank you! Re: Now I am really curious Re: Three quick ideas

Yahoo group: Super_SID
Date: 2018-02-27 18:24:06 UTC
From: Jon Caples
Topic: 2111 Message: 2112

Just tried to comment utc offset out of config file which resulted in an error message. Short term fix that will be used in quick guide to config file is to enter 0:00 value for this.

Thank you all!

Appreciate prompt feedback as what was to have been a leisure filled week has become topsy turvey with move preparation and unanticipated other stuff!

Jon

From: Deborah Scherrer <dscherrer@...>
Sent: Tuesday, February 27, 2018 11:13
To: Jon Caples; Steve Berl; Jaap Akkerhuis
Cc: Super_SID@yahoogroups.com
Subject: Re: Thank you! Re: Now I am really curious Re: Three quick ideas

Steve is correct (see below). Nowhere is the UTC offset used. Besides, if it were used, it would need to be changed twice a year (PDT to PST etc.). It should be taken out of the configuration file.

The original plan was to have the local graphing software adjust the times to local times, for the convenience of the viewer. But this was never implemented.

We should take it out of the config file and everyone in this group -- etake note to ignore the UTC_Offset value. ;-)

Deborah

On 2/26/18 7:00 PM, Jon Caples wrote:

Since the code doesn't use it why ask for it? For now how about if we suggest everyone just enter 0 for now? Eventually let's have it deleted since it isn't used.

Please try to send me your comments by 1400 MST tomorrow if possible. Thanks!

Jon

From: Steve Berl <steveberl@...><mailto:steveberl@...>
Sent: Monday, February 26, 2018 6:18:08 PM
To: Jon Caples
Cc: Deborah Scherrer
Subject: Re: Now I am really curious Re: Three quick ideas

The SID software doesn't need to know the local time offset. It just uses UTC. The option in the configuration file isn't used.

At one point there was a thought that the data browser (the web site http://sid.stanford.edu/database-browser/browse.jsp), or the supersid_plot.py code might be able to use the stations local time offset to display local time on the graphs, but it hasn't been implemented.

Whenever the SuperSID software wants to know the time of day, it uses the time.gmtime() API call (see https://docs.python.org/2/library/time.html). This gives us the current UTC time. Local time never appears anywhere in the code.
15.3. time — Time access and conversions — Python 2.7.14
...<https://docs.python.org/2/library/time.html>
docs.python.org
This module provides various time-related functions. For related functionality, see also the datetime and calendar modules. Although this module is always available ...

The computers idea of UTC time comes either from 1) the external time server, which is always based on UTC time, or 2) from user configuration of the combination of local time AND local time zone offset.

This second case is where users can screw things up. It is possible for a user to set the time zone wrong, and still get local time to appear correct. If you were to set your machine to the correct date and time, but said your time zone was actually Los Angeles, your systems idea of local time would display correctly, but the UTC time would be off by one hour because the system only knows what you told it.

If you later tried to sync with an external time server, it would correct the UTC time, but your local time display would now be off by an hour.

I don't have much experience with the Windows time service, but I think it is working okay on my Win7 system running SuperSID.

A bit of google searching should show how to sync your windows machine clock to a time service on the Internet. But if that doesn't work then a 3rd party app might be the way to go. I am no expert at Windows.

-steve

On Mon, Feb 26, 2018 at 3:32 PM, Jon Caples
<joncaples4iaas@...<mailto:joncaples4iaas@...>> wrote:

How does SID obtain UTC? Does it obtain it directly and from where?

Or, does it compute it from the computer's local time?

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My experience with clocks and time sync in pc's has been very unsatisfactory. The clocks drift like crazy. The update functions built into windows are virtually useless. We (IAAS) found D4 when looking for a way to meet IOTA's .25 sec timing accuracy requirement.

Just want to suggest these things to make our product better. I am not advocating making any of these hard requirements.

Confused,

Jon

From: Steve Berl <steveberl@...<mailto:steveberl@...>>
Sent: Monday, February 26, 2018 13:05
To: Jon Caples
Cc: Deborah Scherrer
Subject: Re: Three quick ideas

Assuming the system is set up correctly, the data is always time stamped with UTC time. That assumes the time zone of the system is set correctly if the user wants to see local time correctly.

Syncing to a network time source is a good thing but for some users may not work as well as others as they have intermittent network connectivity.

Internally the Windows system clock is always in UTC time. The local time offset is only applied when displaying the time. The super did software always uses the API to get UTC time and doesn't really care what local time the computer is displaying.

A problem can occur when the computer is misconfigured and not syncing to an external time source. The user manually sets a time zone and the local date and time. The system then attempts to calculate UTC time from this to set the internal system clock. If the info is not configured properly then local time will appear correct but UTC will be off.

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XP is no longer supported by Microsoft so ideally people will not use it for SuperSID, but some people will use it because that's what they have. It would be okay to recommend a supported OS and to regularly update the system with patches to keep it secure, but we still need to keep those old systems going as often that's what people can get at no cost.

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What do you think of the following suggestions:

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2-Using Thinking Man D4 or other software to keep system clock in close sync .01 or .001 sec to an international time standard.

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If possible can you comment today? Rest of this week is turning topsy turvey.

Thanks,

Jon

--
-steve

--
-steve

2113. Re: Thank you! Re: Now I am really curious Re: Three quick ideas

Yahoo group: Super_SID
Date: 2018-02-27 18:42:14 UTC
From: Steve Berl
Topic: 2111 Message: 2113

Jaap is about to make another release. It would be good to see if we can sneak this change in.

Jaap, we are talking about removing the requirement to include utc_offset in the supersid.cfg, and to remove it from the sample config.

On Tue, Feb 27, 2018 at 10:24 AM, Jon Caples <joncaples4iaas@hotmail.com> wrote:

> Just tried to comment utc offset out of config file which resulted in an
> error message. Short term fix that will be used in quick guide to config
> file is to enter 0:00 value for this.
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>
> Thank you all!
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>
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> *From:* Deborah Scherrer <dscherrer@...>
> *Sent:* Tuesday, February 27, 2018 11:13
> *To:* Jon Caples; Steve Berl; Jaap Akkerhuis
> *Cc:* Super_SID@yahoogroups.com
> *Subject:* Re: Thank you! Re: Now I am really curious Re: Three quick
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> *From:* Steve Berl <steveberl@...> <steveberl@...>
> *Sent:* Monday, February 26, 2018 6:18:08 PM
> *To:* Jon Caples
> *Cc:* Deborah Scherrer
> *Subject:* Re: Now I am really curious Re: Three quick ideas
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> This module provides various time-related functions. For related
> functionality, see also the datetime and calendar modules. Although this
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> unsatisfactory. The clocks drift like crazy. The update functions built
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> way to meet IOTA's .25 sec timing accuracy requirement.
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> *From:* Steve Berl <steveberl@...>
> *Sent:* Monday, February 26, 2018 13:05
> *To:* Jon Caples
> *Cc:* Deborah Scherrer
> *Subject:* Re: Three quick ideas
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> On Mon, Feb 26, 2018 at 10:46 AM Jon Caples <joncaples4iaas@...>
> wrote:
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> If possible can you comment today? Rest of this week is turning topsy
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> Thanks,
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> Jon
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> -steve
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>

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-steve

2114. Re: [Super_SID] Re: Thank you! Re: Now I am really curious Re: Three quick ideas

Yahoo group: Super_SID
Date: 2018-02-27 19:04:44 UTC
From: Jaap Akkerhuis
Topic: 2111 Message: 2114

> On Feb 27, 2018, at 19:13, Deborah Scherrer dscherrer@...u [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Steve is correct (see below). Nowhere is the UTC offset used. Besides, if it were used, it would need to be changed twice a year (PDT to PST etc.). It should be taken out of the configuration file.
>
> The original plan was to have the local graphing software adjust the times to local times, for the convenience of the viewer. But this was never implemented.
>
>
It was actually used in an old version of the plot routines, but Itook it out (in February 2014) because it didn't make any sense and broke things when plotting multiple files.

> We should take it out of the config file and everyone in this group -- etake note to ignore the UTC_Offset value. ;-)
>

I'm happy to ignore the item in the Config file, no problem. I left it in when creating the data file because It was once said that missing this field would break the code parsing the uploaded data file while storing it i the database

So you want to make sure this that code doesn't break when the line

TimeZone = Pacific Standard Time

is missing from the Data file. So let me know whether this work and I'll make it work.

jaap

PS. Talking about breaking the DataBrowser, what is going on there? It doesn't seem to accept input since the 20th of February.

2115. Re: [Super_SID] Re: Thank you! Re: Now I am really curious Re: Three quick ideas

Yahoo group: Super_SID
Date: 2018-02-27 19:13:41 UTC
From: Jaap Akkerhuis
Topic: 2111 Message: 2115

> On Feb 27, 2018, at 19:13, Deborah Scherrer dscherrer@...u [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Steve is correct (see below). Nowhere is the UTC offset used. Besides, if it were used, it would need to be changed twice a year (PDT to PST etc.). It should be taken out of the configuration file.
>
> The original plan was to have the local graphing software adjust the times to local times, for the convenience of the viewer. But this was never implemented.
>
>
It was actually used in an old version of the plot routines, but Itook it out (in February 2014) because it didn't make any sense and broke things when plotting multiple files.

> We should take it out of the config file and everyone in this group -- etake note to ignore the UTC_Offset value. ;-)
>

I'm happy to ignore the item in the Config file, no problem. I left it in when creating the data file because It was once said that missing this field would break the code parsing the uploaded data file while storing it i the database

So you want to make sure this that code doesn't break when the line

TimeZone = Pacific Standard Time

is missing from the Data file. So let me know whether this work and I'll make it work.

jaap

PS. Talking about breaking the DataBrowser, what is going on there? It doesn't seem to accept input since the 20th of February.

2116. Re: [Super_SID] Re: Thank you! Re: Now I am really curious Re: Three quick ideas

Yahoo group: Super_SID
Date: 2018-02-27 19:21:15 UTC
From: Jaap Akkerhuis
Topic: 2111 Message: 2116

> On Feb 27, 2018, at 19:13, Deborah Scherrer dscherrer@...u [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Steve is correct (see below). Nowhere is the UTC offset used. Besides, if it were used, it would need to be changed twice a year (PDT to PST etc.). It should be taken out of the configuration file.
>
> The original plan was to have the local graphing software adjust the times to local times, for the convenience of the viewer. But this was never implemented.
>
> We should take it out of the config file and everyone in this group -- etake note to ignore the UTC_Offset value. ;-)
>

It was actually used in an old version of the plot routines, but I took that code out (in February 2014) because it didn't make any sense and broke things when plotting multiple files.

> We should take it out of the config file and everyone in this group -- etake note to ignore the UTC_Offset value. ;-)
>

I'm happy to ignore the item in the Config file, no problem. I left it in when creating the data file because It was once said that missing this field would break the code parsing the uploaded data file while storing it i the database

So you want to make sure this that code doesn't break when the line

TimeZone = Pacific Standard Time

is missing from the Data file. So let me know whether this work and I'll make it work.

jaap

PS. Talking about breaking the DataBrowser, what is going on there? It doesn't seem to accept input since the 20th of February.

2117. Re: [Super_SID] Re: Thank you! Re: Now I am really curious Re: Three quick ideas

Yahoo group: Super_SID
Date: 2018-02-27 19:26:52 UTC
From: Jaap Akkerhuis
Topic: 2111 Message: 2117

> On Feb 27, 2018, at 19:42, Steve Berl steveberl@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Jaap is about to make another release. It would be good to see if we can sneak this change in.
>
> Jaap, we are talking about removing the requirement to include utc_offset in the supersid.cfg, and to remove it from the sample config.

It wil be a one line code change or so to make it optional. As explained in my previous mail (hope you get it, Yahoo mail and I don't go together well), the real problem is whether I should leave it out from the from data file to be created. The receiving en at Stanford might fall over.

jaap

2118. Re: [Super_SID] Re: Thank you! Re: Now I am really curious Re: Three quick ideas

Yahoo group: Super_SID
Date: 2018-02-27 19:45:33 UTC
From: Deborah Scherrer
Topic: 2111 Message: 2118

In the data ingestion code, these are the only keywords required:
Site
MonitorID
StationID

Other keyword=value pairs are allowed, even if the keyword is something
we don't usually see. Nothing should break if we remove UTC_Offset, or
anything else other than the 3 above.

I'll go check the data browser...

Debbie

On 2/27/18 11:04 AM, Jaap Akkerhuis wrote:
>
>
>> On Feb 27, 2018, at 19:13, Deborah Scherrer
>> dscherrer@... <mailto:dscherrer@...>
>> [Super_SID] <Super_SID@yahoogroups.com
>> <mailto:Super_SID@yahoogroups.com>> wrote:
>>
>> Steve is correct (see below). Nowhere is the UTC offset used.
>> Besides, if it were used, it would need to be changed twice a year
>> (PDT to PST etc.). It should be taken out of the configuration file.
>>
>> The original plan was to have the local graphing software adjust the
>> times to local times, for the convenience of the viewer. But this
>> was never implemented.
>>
>>
> It was actually used in an old version of the plot routines, but Itook
> it out (in February 2014) because it didn't make any sense and broke
> things when plotting multiple files.
>
>> We should take it out of the config file and everyone in this group
>> -- e*take note to ignore the UTC_Offset valu*e. ;-)
>>
> I'm happy to ignore the item in the Config file, no problem. I left it
> in when creating the data file because It was once said that missing
> this field would break the code parsing the uploaded data file while
> storing it i the database
>
> So you want to make sure this that code doesn't break when the line
>
> # TimeZone = Pacific Standard Time

>
> is missing from the Data file. So let me know whether this work and
> I'll make it work.
>
> jaap
>
> PS. Talking about breaking the DataBrowser, what is going on there?
> It doesn't seem to accept input since the 20th of February.
>

2119. Re: [Super_SID] Re: Thank you! Re: Now I am really curious Re: Three quick ideas

Yahoo group: Super_SID
Date: 2018-02-27 19:52:03 UTC
From: Deborah Scherrer
Topic: 2111 Message: 2119

OK, thanks to Steve we think we've fixed the ftp problem.

I spent quite a bit of time trying to make the data ingestion software
robust. It finds a LOT of errors in files and fixes them to the extent
it can. And, as I mentioned before, only 3 keywords are required.

Debbie

On 2/27/18 11:26 AM, Jaap Akkerhuis wrote:
>
>
>> On Feb 27, 2018, at 19:42, Steve Berl steveberl@...
>> <mailto:steveberl@...> [Super_SID] <Super_SID@yahoogroups.com
>> <mailto:Super_SID@yahoogroups.com>> wrote:
>>
>> Jaap is about to make another release. It would be good to see if we
>> can sneak this change in.
>>
>> Jaap, we are talking about removing the requirement to include
>> utc_offset in the supersid.cfg, and to remove it from the sample config.
>
> It wil be a one line code change or so to make it optional. As
> explained in my previous mail (hope you get it, Yahoo mail and I don't
> go together well), the real problem is whether I should leave it out
> from the from data file to be created. The receiving en at Stanford
> might fall over.
>
> jaap
>

2120. A little glitch that impacts most SID and SuperSID users

Yahoo group: Super_SID
Date: 2018-02-28 20:12:44 UTC
From: Steve Berl
Topic: 2120 Message: 2120

If you are a SID or SuperSID site that uploads data to the archive at Stanford, this might be of interest.

Recently we upgraded out machine running the FTP server which you upload your data to. The machine is called sid-ftp.stanford.edu, and if in your supersid.cfg file you have set automatic_upload = yes, this is where the data gets sent.

For few days (Feb 21 through Feb 27 2018) for most users these uploads were failing. The problem is now corrected, but we are missing a bunch of your data.

Fortunately the data is probably still on your computer in the C:\SuperSID\Data directory. It is possible for you to manually upload these data files to our server and have that data added to the archive and data browser web site.

There are several good programs for manually doing these uploads. One of my favorites is Filezilla, which you can get for free at https://filezilla-project.org/, but you can use any FTP client software that you are familiar with. I will only describe how to do this with Filezilla, so if you are using different software and need help, please ask and we can try to figure it out.

Once you have downloaded and installed Filezilla, you will want to connect to the server.
So in the boxes along the top edge of the Filezilla window enter in the
Host: "sid-ftp.stanford.edu"
Username "anonymous"
Password - your email address
Port - leave it blank

When you hit "Enter" on your keyboard the software will connect to the host.

A bit lower down the page you will see 2 panes, one labelled "Local site" the other "Remote site"

On the Local site side you want to navigate to the supersid data directory on your machine C:\SuperSID\Data. You should see a list of all your data files when you get there.

On the Remote site side you want to navigate to /incoming/SuperSID/NEW.

Now in the Local window, select the data files with names containing dates ranging from 2018-02-21 thru 2018-02-27. I've found the easiest way to do that is to sort the files by the Date Modified column so all the files

created on those dates are grouped together.

Drag those files from the Local window into the Remote window, and the files should be copied to our server. At the very bottom of the page is a log of file transfers so you can see what is done, what failed, and what is still waiting to be transferred.

You can do this for any files you might have that you have collected, but did not get uploaded to our servers for other reasons besides this outage of our server. For example, if your machine was temporarily unable to connect to the Internet on some day and the files didn't upload on that day, the current software doesn't attempt to retry the upload again, but you can do it using the tool described about.

Sorry about the outage, and thanks for your help
--
-steve

2121. Re: [Super_SID] A little glitch that impacts most SID and SuperSID users

Yahoo group: Super_SID
Date: 2018-02-28 20:52:44 UTC
From: Gary Memory
Topic: 2120 Message: 2121

Excellent info! Thanks!
I assume one could also use the regular FTP command prompt as well?
Gary

On Wednesday, February 28, 2018, 3:23:21 PM EST, Steve Berl steveberl@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

If you are a SID or SuperSID site that uploads data to the archive at Stanford, this might be of interest.
Recently we upgraded out machine running the FTP server which you upload your data to. The machine is called sid-ftp.stanford.edu, and if in your supersid.cfg file you have set automatic_upload = yes, this is where the data gets sent.
For few days (Feb 21 through Feb 27 2018) for most users these uploads were failing. The problem is now corrected, but we are missing a bunch of your data.
Fortunately the data is probably still on your computer in the C:\SuperSID\Data directory.
It is possible for you to manually upload these data files to our server and have that data added to the archive and data browser web site.
There are several good programs for manually doing these uploads. One of my favorites is Filezilla, which you can get for free at https://filezilla-project.org/, but you can use any FTP client software that you are familiar with. I will only describe how to do this with Filezilla, so if you are using different software and need help, please ask and we can try to figure it out.
Once you have downloaded and installed Filezilla, you will want to connect to the server. So in the boxes along the top edge of the Filezilla window enter in the Host: "sid-ftp.stanford.edu"Username "anonymous"Password - your email addressPort - leave it blank
When you hit "Enter" on your keyboard the software will connect to the host.
A bit lower down the page you will see 2 panes, one labelled "Local site" the other "Remote site"
On the Local site side you want to navigate to the supersid data directory on your machine C:\SuperSID\Data. You should see a list of all your data files when you get there.
On the Remote site side you want to navigate to /incoming/SuperSID/NEW.
Now in the Local window, select the data files with names containing dates ranging from 2018-02-21 thru 2018-02-27. I've found the easiest way to do that is to sort the files by the Date Modified column so all the files created on those dates are grouped together.
Drag those files from the Local window into the Remote window, and the files should be copied to our server. At the very bottom of the page is a log of file transfers so you can see what is done, what failed, and what is still waiting to be transferred.
You can do this for any files you might have that you have collected, but did not get uploaded to our servers for other reasons besides this outage of our server. For example, if your machine was temporarily unable to connect to the Internet on some day and the files didn't upload on that day, the current software doesn't attempt to retry the upload again, but you can do it using the tool described about.
Sorry about the outage, and thanks for your help--
-steve

2122. Re: [Super_SID] A little glitch that impacts most SID and SuperSID users

Yahoo group: Super_SID
Date: 2018-02-28 23:02:21 UTC
From: Steve Berl
Topic: 2120 Message: 2122

Gary,

Good question.
Yes. Just a regular old FTP command line tool will work fine.

Which site/monitor are you connected with?
Maybe we should include that with our signatures when posting to this list?

-steve, CSSC located at Chabot Space & Science Center, Oakland, CA

On Wed, Feb 28, 2018 at 12:52 PM, Gary Memory glmemory@...
[Super_SID] <Super_SID@...m> wrote:

>
>
> Excellent info! Thanks!
>
> I assume one could also use the regular FTP command prompt as well?
>
> Gary
>
>
> On Wednesday, February 28, 2018, 3:23:21 PM EST, Steve Berl
> steveberl@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
>
>
>
> If you are a SID or SuperSID site that uploads data to the archive at
> Stanford, this might be of interest.
>
> Recently we upgraded out machine running the FTP server which you upload
> your data to. The machine is called sid-ftp.stanford.edu, and if in your
> supersid.cfg file you have set automatic_upload = yes, this is where the
> data gets sent.
>
> For few days (Feb 21 through Feb 27 2018) for most users these uploads
> were failing. The problem is now corrected, but we are missing a bunch of
> your data.
>
> Fortunately the data is probably still on your computer in the
> C:\SuperSID\Data directory. It is possible for you to manually upload these
> data files to our server and have that data added to the archive and data
> browser web site.
>
> There are several good programs for manually doing these uploads. One of

> my favorites is Filezilla, which you can get for free at
> https://filezilla-project.org/, but you can use any FTP client software
> that you are familiar with. I will only describe how to do this with
> Filezilla, so if you are using different software and need help, please ask
> and we can try to figure it out.
>
> Once you have downloaded and installed Filezilla, you will want to connect
> to the server.
> So in the boxes along the top edge of the Filezilla window enter in the
> Host: "sid-ftp.stanford.edu"
> Username "anonymous"
> Password - your email address
> Port - leave it blank
>
> When you hit "Enter" on your keyboard the software will connect to the
> host.
>
> A bit lower down the page you will see 2 panes, one labelled "Local site"
> the other "Remote site"
>
> On the Local site side you want to navigate to the supersid data directory
> on your machine C:\SuperSID\Data. You should see a list of all your data
> files when you get there.
>
> On the Remote site side you want to navigate to /incoming/SuperSID/NEW.
>
> Now in the Local window, select the data files with names containing dates
> ranging from 2018-02-21 thru 2018-02-27. I've found the easiest way to do
> that is to sort the files by the Date Modified column so all the files
> created on those dates are grouped together.
>
> Drag those files from the Local window into the Remote window, and the
> files should be copied to our server. At the very bottom of the page is a
> log of file transfers so you can see what is done, what failed, and what is
> still waiting to be transferred.
>
> You can do this for any files you might have that you have collected, but
> did not get uploaded to our servers for other reasons besides this outage
> of our server. For example, if your machine was temporarily unable to
> connect to the Internet on some day and the files didn't upload on that
> day, the current software doesn't attempt to retry the upload again, but
> you can do it using the tool described about.
>
> Sorry about the outage, and thanks for your help
> --
> -steve
>
>
>

--
-steve

2124. Ignore Prior Config file post as it is wrong version USE THIS ONE

Yahoo group: Super_SID
Date: 2018-03-02 17:38:56 UTC
From: joncaples4iaas@...
Topic: 2124 Message: 2124

Earlier double-spaced version was posted in error do not use it.

Please leave short feedback messages. If you have a problem post a brief description on the board and I will contact you. Thank you, Jon

Quick guide to the Super SID Configuration file
Jon Caples, International Association for Astronomical Studies
Major technical assistance Stephen Berl

Thank you to Dr. Jaap Akkherhuis, Dr. Deborah Scheerer, Mr. Keith Payea and others were essential to this guide. Many of us who are new to Super SID find setting up and or editing our Configuration file frustrating and error filled. Until the manual is fixed here is a quick guide to help you.

(1)-Remember you can add comments by starting a line with the # character and comments are our friend! Use comments to help you remember why you chose values or uncertainties in your process.

(2)-SID looks for the active configuration file by searching the Config folder for a file titled supersid.cfg. Before experimenting on your current file copy it to a different directory, a sub-directory or rename it.

(3) You can verify your software is current by checking the following URL
http://solar-center.stanford.edu/SID/Distribution/
http://solar-center.stanford.edu/SID/Distribution/

(4)-Before trying to execute SuperSID inspect your configuration file for the following common errors and correct as needed:

site_name = Use a descriptive name of nearby geographic feature or terrain object that will help us find you on a map, DO NOT LEAVE NONE

contact = a valid email in English for group contact who can be reached in real time

country = 2 letter code from https://en.wikipedia.org/wiki/ISO_3166-1
https://en.wikipedia.org/wiki/ISO_3166-1 or
https://datahub.io/core/country-list https://datahub.io/core/country-list

longitude = longitude in Degrees.decimal minutes 0-180 East + and W – Verify your entry is correct the SID software only checks that your entry does not exceed the numerical value range

latitude = latitude in Degrees.decimal minutes 0-90 North + and S – Verify your entry is correct the SID software only checks that your entry does not exceed the numerical value range

NOTE: Longitude and Latitude can be obtained from maps, GPS, Google Earth or many sources obtain the best precision and accuracy you can. Remember to convert

Degrees:Minutes:Seconds to Degrees.decimal fractions of a degree.
If you spell longitude or latitude incorrectly an error message will appear reporting, there is no value

Scaling-factor = 1 Start with this value, do not change unless advised to do so after a review of your data by Stanford
utc_offset = -00.00 This entry is not used and will be deleted in a future revision to the software. For now, use -00.00 to avoid problems and verify you have read these recommendations. Thank you!

Pages 4-5 are examples of the Config file from the current CD for SID software v1.2.2 that can be downloaded from http://solar-center.stanford.edu/SID/Distribution/. The following pages, 6-8, are a copy of IAAS's config file for Star Haven Observatory, near Strasburg, CO with a few deliberate errors. See if you can find them! First one or team who does gets a shout out on the yahoo group site!

Additional hints first, about coax cable and RF connectors. There are several types of coax cable and connectors that are available. The three most common types of coax are RG-8X, RG-58 and RG-59. Because each cable is different in size the connectors for each are physically different and fall into three types twist on, crimp on and solder on. You might try to find a local ham (amateur radio operator) or professional radio repair person to help you install the coax and attach the connector. My personal preference is to use RG-8X with a crimp on or solder on connector based on years as an amateur radio operator. But go with what will be best for you. If you use twist on connectors check them every 3-6 months especially if they are exposed to weather or you see an unexplained big drop in your signal.
Second, if you can use Windows7, or a newer operating system. Again, this a personal preference.

Original Config from CD for v1.2.2
[PARAMETERS]

#####
required parameters
#
site_name = NONE
contact = nobody@example.com

# Where the monitor is situated
country = NONE

longitude: Value between -180.0 to +180.0
Negative for western, positive for eastern hemisphere
latitude: Value between -90.0 to +90.0
Negative for southern, positive for northern hemisphere
Values should be in floating point notation (e.g. 12.34)
#
longitude = 0.00
latitude = 0.00

audio_sampling_rate = 96000

```
log_interval = 5
log_type = filtered
scaling_factor = 220.0

utc_offset = 0
time_zone = NONE
monitor_id = NONE

#####
# next two keywords are optional
#
# if you want to save data hourly set the hourly_save value to yes
# (experimental)
hourly_save = no

# you can change to a different data directory:
# data_path = ../differentdir
data_path = ../Data

automatic_upload = no
ftp_server = sid-ftp.stanford.edu
ftp_directory = /incoming/SuperSID/

number_of_stations = 6

[STATION_1]
call_sign = NAA
color = r
frequency = 24000

[STATION_2]
call_sign = NLK
color = b
frequency = 24800

[STATION_3]
call_sign = NML
color = g
frequency = 25200

[STATION_4]
call_sign = NPM
color = c
frequency = 21400

[STATION_5]
call_sign = NWC
color = y
frequency = 19800

[STATION_6]
call_sign = JJI
color = k
frequency = 22200
```

Star Haven Observatory with errors for you to find:

Additional reference material that should NOT appear in your file

[PARAMETERS]

#####
required parameters
#
#
#
#Last mod: Jon Caples 02/25/18 1-site_name = SecTry_6,
2-deleted log_format and few lines
added > 1.303.916.5905 mobile leave a message and your email
my e-mail jon.caples@iaas.org
#
have fun finding errors
#
#ERROR: Yes
#
#
#RESULT: Needs trouble shooting
#
#
site_name = SecTry_6
contact = jon.caples@iaas.org
Use an active e-mail address someone in your group checks frequently

# Where the monitor is situated
country = US
Find country code in https://en.wikipedia.org/wiki/ISO_3166-1 or
https://datahub.io/core/country-list

longitude: Value between -180.0 to +180.0
Negative for western, positive for eastern hemisphere
latitude: Value between -90.0 to +90.0
Negative for southern , positive for northern hemisphere
Values should be in floating point notation (e.g. 12.34)
#
longitude = 39.5
latitude = -104.6

audio_sampling_rate = 96000

log_interval = 5
log_format = sid_format
log_type = filtered
scaling_factor = 1.0

utc_offset = -00:00
Value used to avoid error message, stopping SID and show us which users have followed this
document
time_zone = America/Denver

```
monitor_id = 9934

#####
# next two keywords are optional
#
# if you want to save data hourly set the hourly_save value to yes
# (experimental)
hourly_save = no

# you can change to a different data directory:
# data_path = ../differentdir
data_path = ../Data

automatic_upload = no
ftp_server = sid-ftp.stanford.edu
ftp_directory = /incoming/SuperSID/

number_of_stations = 6
No more than 4 stations are recommended unless all stations are in the same direction from
you.

[STATION_1]
call_sign = NAA
color = r
frequency = 24000

[STATION_2]
call_sign = NLK
color = b
frequency = 24800

[STATION_3]
call_sign = NML
color = g
frequency = 25200

[STATION_4]
call_sign = NPM
color = c
frequency = 21400

[STATION_5]
call_sign = NWC
color = y
frequency = 19800

[STATION_6]
call_sign = JJI
color = k
frequency = 22200

Hopefully this will be helpful. Send questions and comments to the board on yahoo or my
email jon.caples@iaas.org. I cannot promise to answer all personal email but will try.
```

Jon

2125. Re: User Guide for SSID Configuration File

Yahoo group: Super_SID
Date: 2018-03-02 17:41:54 UTC
From: joncaples4iaas@...
Topic: 2123 Message: 2125

Attention moderators and users

please ignore post #2123 and if possible remove it because it is an incorrect version that should not have been posted.

Thank you

Jon Caples

2126. Re: Ignore Prior Config file post as it is wrong version USE THIS ONE

Yahoo group: Super_SID
Date: 2018-03-05 20:11:13 UTC
From: joncaples4iaas@...
Topic: 2124 Message: 2126

Is anyone reading this??

2127. Re: User Guide for SSID Configuration File

Yahoo group: Super_SID
Date: 2018-03-05 20:13:58 UTC
From: joncaples4iaas@...
Topic: 2123 Message: 2127

Hello, is anyone reading this?

Jon

2128. Re: [Super_SID] Re: User Guide for SSID Configuration File

Yahoo group: Super_SID
Date: 2018-03-05 20:18:57 UTC
From: Jon Wallace
Topic: 2123 Message: 2128

Hi,

I am.

Jon Wallace

> On March 5, 2018 at 3:13 PM "joncaples4iaas@hotmail.com [Super_SID]"
<Super_SID@yahoogroups.com> wrote:
>
>
>
> Hello, is anyone reading this?
>
> Jon
>
>
>

>

2129. Re: [Super_SID] Re: User Guide for SSID Configuration File

Yahoo group: Super_SID
Date: 2018-03-05 20:39:31 UTC
From: galenow
Topic: 2123 Message: 2129

Aims@unm
Is here

Sent from my iPhone

> On Mar 5, 2018, at 13:13, joncaples4iaas@... [Super_SID] <Super_SID@yahoogroups.com> wrote:
>
> Hello, is anyone reading this?
>
> Jon
>
>

2130. Re: [Super_SID] Re: Ignore Prior Config file post as it is wrong version USE THIS ONE

Yahoo group: Super_SID
Date: 2018-03-05 20:28:21 UTC
From: Bob
Topic: 2124 Message: 2130

Yep! 59 in New Jersey
Bob
WA2I

On Mon, Mar 5, 2018 at 3:11 PM, joncaples4iaas@... [Super_SID] <
Super_SID@yahoogroups.com> wrote:

>
>
> Is anyone reading this??
>
>

2132. Re: User Guide for SSID Configuration File

Yahoo group: Super_SID
Date: 2018-03-05 21:36:44 UTC
From: jrpurdy@...
Topic: 2123 Message: 2132

Yes I did. Checked my file and other than UTC was OK. Changed UTC to -00.00 as suggested.
John Purdy

2133. Re: User Guide for SSID Configuration File

Yahoo group: Super_SID
Date: 2018-03-07 02:52:04 UTC
From: joncaples4iaas@...
Topic: 2123 Message: 2133

Thank you! We're working on all of this one step at a time.

Jon

2134. Re: User Guide for SSID Configuration File

Yahoo group: Super_SID
Date: 2018-03-07 02:55:49 UTC
From: joncaples4iaas@...
Topic: 2123 Message: 2134

Thank you to everyone who has responded to date. This is the first step of many to get all of the SuperSID software and documentation updated.

Jon Caples

2135. Move of SID Station

Yahoo group: Super_SID
Date: 2018-03-18 17:35:54 UTC
From: jpbolengo@...
Topic: 2135 Message: 2135

Hello
I have move in Switzerland from Stetten to Hallau. So I've changed the name in the confgi file.
The Station code is still 0170.
I cannot find any records by searching by monitor (Station) code.
May you help me, find my uploaded records?

Thanks in advance
Jean-Pierre

2136. Re: [Super_SID] Move of SID Station

Yahoo group: Super_SID
Date: 2018-03-18 19:01:38 UTC
From: Deborah Scherrer
Topic: 2135 Message: 2136

Jean-Pierre, we are checking into this...
Deborah

On 3/18/18 10:35 AM, jpbolengo@... [Super_SID] wrote:
>
> Hello
> I have move in Switzerland from Stetten to Hallau. So I've changed the
> name in the confgi file.
> The Station code is still 0170.
> I cannot find any records by searching by monitor (Station) code.
> May you help me, find my uploaded records?
>
> Thanks in advance
> Jean-Pierre
>
>
>

2137. good article

Yahoo group: Super_SID
Date: 2018-03-31 17:49:50 UTC
From: Deborah Scherrer
Topic: 1820 Message: 2137

For those who haven’t already seen it, there is a good SID article by Laura Hayes, Peter Gallagher et al.Title is /Pulsations in the Earth’s Lower Ionosphere Synchronized with Solar Flare Emission. /Available at

https://arxiv.org/abs/1710.01725

This has also been incorporated into the SID website.

Deborah

2138. Re: [Super_SID] good article

Yahoo group: Super_SID
Date: 2018-04-01 05:50:32 UTC
From: Divyadarshan Purohit
Topic: 1820 Message: 2138

Thanks for sharing useful paper.

On Mar 31, 2018 11:44 PM, "Deborah Scherrer dscherrer@...
[Super_SID]" <Super_SID@yahoogroups.com> wrote:

>
>
> For those who haven’t already seen it, there is a good SID article by
> Laura Hayes, Peter Gallagher et al. Title is *Pulsations in the Earth’s
> Lower Ionosphere Synchronized with Solar Flare Emission. * Available at
>
> https://arxiv.org/abs/1710.01725
>
>
>
> This has also been incorporated into the SID website.
>
>
> Deborah
>
>

2139. Re: [Super_SID] Move of SID Station

Yahoo group: Super_SID
Date: 2018-04-18 09:53:08 UTC
From: jpbolengo@...
Topic: 2135 Message: 2139

Hello Deborah
Its still not working.
Thank you for your effort
Jean-Pierre

2140. How do I put my SID Station on the network.

Yahoo group: Super_SID
Date: 2018-04-21 04:52:18 UTC
From: Emeka Don
Topic: 2140 Message: 2140

Dear Debby,
Am Emeka, I want to know how I can get my SID to be on SID network. My station is at Nsukka.

On Sun, 18 Mar 2018, 8:01 p.m. Deborah Scherrer dscherrer@... [Super_SID], <Super_SID@yahoogroups.com> wrote:

>
>
> Jean-Pierre, we are checking into this...
> Deborah
>
>
> On 3/18/18 10:35 AM, jpbolengo@... [Super_SID] wrote:
>
>
>
> Hello
> I have move in Switzerland from Stetten to Hallau. So I've changed the
> name in the confgi file.
> The Station code is still 0170.
> I cannot find any records by searching by monitor (Station) code.
> May you help me, find my uploaded records?
>
> Thanks in advance
> Jean-Pierre
>
>
>
>
>

2141. Where should I start in SuperSID?

Yahoo group: Super_SID
Date: 2018-04-27 11:36:44 UTC
From: rizchel_masong@...
Topic: 2141 Message: 2141

Dear all,

I was just recently added, the SuperSID kit is not yet in our institution. So I would like to ask where should I/we begin so that once the kit arrived, we could initially work with the specs and other technicalities?

Thank you for your future response.

Best regards,
Rizchel

2142. Re: [Super_SID] Where should I start in SuperSID?

Yahoo group: Super_SID
Date: 2018-04-27 17:38:03 UTC
From: Deborah Scherrer
Topic: 2141 Message: 2142

Hello Rizchel,
You might start by downloading the SuperSID manual, and perhaps research guide for teachers. All documents are
available at:
http://solar-center.stanford.edu/SID/DOC/

Enjoy!
Deborah Scherrer

On 4/27/18 4:36 AM, rizchel_masong@... [Super_SID] wrote:
>
>
> Dear all,
>
>
> I was just recently added, the SuperSID kit is not yet in our
> institution. So I would like to ask where should I/we begin so that
> once the kit arrived, we could initially work with the specs and other
> technicalities?
>
>
> Thank you for your future response.
>
>
> Best regards,
>
> Rizchel
>
>

2143. Data Validation Help

Yahoo group: Super_SID
Date: 2018-06-05 12:58:12 UTC
From: Chris.Rand@...
Topic: 2143 Message: 2143

Good morning from Denver, CO. The students of the IAAS at Star Haven Observatory have got their SID monitor up & running. We're looking for recommendations of other stations that are close and collecting "known good" data to do some validation against our first run data.

I've looked thru the data archive and the map of stations is not working for us so we aren't able to use that as a starting point. Are there any stations in the Rocky Mountain region of the US that would be willing to share recent data with us to allow us to do validation prior to sending it to the Stanford Data Archive?

Thanks,
Chris Rand
Chair of the Board, International Association for Astronomical Studies

2144. Re: [Super_SID] Data Validation Help

Yahoo group: Super_SID
Date: 2018-06-07 00:23:22 UTC
From: Deborah Scherrer
Topic: 2143 Message: 2144

Chris, Steve Berl will be willing to help you with this. Unfortunately, he is out of own through this week. So it'll be next week.

Deborah Scherrer

On 6/5/18 5:58 AM, Chris.Rand@... [Super_SID] wrote:
>
> Good morning from Denver, CO. The students of the IAAS at Star Haven
> Observatory have got their SID monitor up & running. We're looking
> for recommendations of other stations that are close and collecting
> "known good" data to do some validation against our first run data.
>
>
> I've looked thru the data archive and the map of stations is not
> working for us so we aren't able to use that as a starting point. Are
> there any stations in the Rocky Mountain region of the US that would
> be willing to share recent data with us to allow us to do validation
> prior to sending it to the Stanford Data Archive?
>
>
> Thanks,
>
> Chris Rand
>
> Chair of the Board, International Association for Astronomical Studies
>
>

2145. Invitation to Conference "Exploring the Universe: Near Earth space science to extragalactic astronomy"

Yahoo group: Super_SID
Date: 2018-06-21 08:38:30 UTC
From: sudipta sasmal
Topic: 2145 Message: 2145

SECOND CIRCULAR

"Exploring the Universe: Near Earth space science to extragalactic astronomy"
in November 14-17, 2018, at S. N. Bose National Centre for Basic Sciences, Kolkata (INDIA).

Dear Colleagues,

On behalf of the Convenors, we are glad to let you know that the preparation
for the conference is in full swing. We provide you with further details.

(A) Please visit the website for details:

http://newweb.bose.res.in/Conferences/EXPUNIV2018/

(B) Registration is now OPEN. Please go to the registration page.

(C) IMPORTANT DATES TO REMEMBER:

Registration deadline for foreign participants: July 31, 2018

Registration deadline for Indian participants: August 31, 2018

Abstract submission deadline: August 31, 2018 (for all)

Intimation of abstract acceptance and travel support by: September 15, 2018

Conference begins: November 14, 2018

Let us emphasize as in the FIRST CIRCULAR that though the Title of the Conference is quite general, there are a few special focused topics. The idea is to make the participants, almost fifty percent of whom are expected to be the graduate students, aware of the modern research areas starting from the balloon borne exploration of near space, to satellite study of compact objects, to star formation, stellar evolution, and physics of and around compact objects. Another exciting topic which is being explored in ALMA era is Astrochemistry and Astrobiology. We expect about thirty experts in these topics to give overall reviews in these topics.

One of the main topics of the meeting would be theoretical and observational aspects of compact objects such as black holes, neutron stars and white dwarfs. A clear enunciation of the

current outstanding problems in accretion onto black holes would be formulated and a clear path for future research work would be drawn with an aim to measure the most fundamental properties of black holes and that of the accretion flows. At the same time, the results of analysis of the data from several satellites, such as RXTE, INTEGRAL, XMM-Newton, NuStar, AstroSat, Swift etc. will be presented.

Similarly, study of ALMA data shedding light on Astrochemistry and formation of bio-molecules in star forming region would be another major topic. Grain and gas chemistry, formation of complex molecules in the presence of grains, and, indeed, novae outbursts and formation of grains themselves would be reviewed as well.

Though Ionospheric research is considered to be a very old subject, its emergence as a tool to study earthquake prediction will get some focus. Treating the Earth as a gigantic detector and how that gives the spectra of solar flares would be discussed as well.

We apologize, in case you receive more than one copy of this invitation.

With best regards,
Sincerely,

Sudipta Sasmal
Indian Centre for Space Physics
Member, LOC
=========

Convenors: Soumen Mondal, S. N. Bose National Centre for Basic Sciences, Kolkata (Convenor)
A. R. Rao, Tata Institute of Fundamental Research, Mumbai (Co-Convenor)
Banibrata Mukhopadhyay, Indian Institute of Science, Bangalore (Convenor)

2146. Does "Latest.jsp" work?

Yahoo group: Super_SID
Date: 2018-06-30 04:03:02 UTC
From: tom.haugh@...
Topic: 2146 Message: 2146

On the "linking to this page" page there is mention of a "latest.jsp" that produces a .png plot. Was this capability ever implemented? If so, what is the correct format/syntax for the reference? All my attempts have resulted in an Apache internal error stack dump.

Tom Haugh
Pear Tree Observatory

IAU H23 / PTO_SID

www.ptobservatory.com

2147. Re: [Super_SID] Does "Latest.jsp" work?

Yahoo group: Super_SID
Date: 2018-06-30 17:24:52 UTC
From: Steve Berl
Topic: 2146 Message: 2147

I suspect that it hasn't been tried in a long time. It is possible it is broken.
Will investigate.

-steve

On Sat, Jun 30, 2018 at 10:16 AM tom.haugh@... [Super_SID] <Super_SID@yahoogroups.com> wrote:

>
>
> On the "linking to this page" page there is mention of a "latest.jsp" that
> produces a .png plot. Was this capability ever implemented? If so, what
> is the correct format/syntax for the reference? All my attempts have
> resulted in an Apache internal error stack dump.
>
> Tom Haugh
> Pear Tree Observatory
>
> IAU H23 / PTO_SID
>
> www.ptobservatory.com
>
>

--
-steve

2148. Windows 10 update causing sound card problem

Yahoo group: Super_SID
Date: 2018-07-12 03:11:16 UTC
From: kpayea@...
Topic: 2148 Message: 2148

Hello All:
Windows forced an update on me in the last couple of weeks and now I am having a problem with the Syba Audio USB sound card. Windows won't let me set it to 96KHz. I've tried all the usual driver updates and so on but I can't get it to work.

Is anyone else having this problem and how did you fix it?

Thanks,

Keith

2149. NPM

Yahoo group: Super_SID
Date: 2018-07-19 18:16:54 UTC
From: jrpurdy@...
Topic: 2149 Message: 2149

I have not received a diunal signal from NPM since 8 Jun. Does anyone know if this is a temporary or permanent shut down? This was the only station I was regularly receiving a good diurnal signal from. If this is permanent I will have to try re-orientating my antenna.

John Purdy